



Safety and Security		R5 TDI	V6 FSI	V6 TDI	V10 TDI	R50
Airbags	Driver and front passenger airbags	S	S	S	S	S
	Driver and front passenger side airbags	S	S	S	S	S
	Curtain airbags, front and rear	S	S	S	S	S
	Rollover sensor system	S	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	S
Body	Aluminium bonnet	S	S	S	S	S
	Door side impact protection	S	S	S	S	S
	Fully galvanised, unitary constructed body with rigid safety cell and front and rear programmed crumple zones	S	S	S	S	S
	Front guards made from impact absorbing polycarbonate	S	S	S	S	S
	12 year anti-corrosion perforation warranty	S	S	S	S	S
Brakes	Anti-lock Braking System (ABSplus)	S	S	S	S	S
	Electronic Brake-pressure Distribution (EBD)	S	S	S	S	S
	Brake Assist	S	S	S	S	S
	Foot operated parking brake	S	S	S	S	S
Child restraint	Child seat anchor points mounted on rear seat (3)	S	S	S	S	S
Fog lights	Front fog lights, mounted in lower bumper	O	O	O	S	S
	Rear fog lamp	S	S	S	S	S
Head restraints	Front safety optimised head restraints, height adjustable	S	S	S	S	S
	Rear adjustable and removable (3)	S	S	S	S	S
Locking	Remote central locking with deadlock mechanism	S	S	S	S	S
	Keyless access system with engine start button	-	-	-	S	S
	2 stage unlocking (programmable)	S	S	S	S	S
	Automatic locking after takeoff (programmable)	S	S	S	S	S
	One touch lock / unlock for driver and front passenger	S	S	S	S	S
	Electrically operated child safety lock for rear doors	S	S	S	S	S
Seat belts	Front and outer rear height adjustable	S	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	S
	Belt force limiters for driver and front passenger	S	S	S	S	S
	Warning buzzer and light for driver and front passenger seat belts not fastened	S	S	S	S	S
	3 point seat belts for all passengers	S	S	S	S	S
Traction control	Electronic Differential Lock (EDL)	S	S	S	S	S
	Anti-Slip Regulation (ASR)	S	S	S	S	S
	Electronic Stabilisation Program (ESP) with active rollover protection function	S	S	S	S	S
	Engine Braking Control (EBC)	S	S	S	S	S
	Hill descent and hill holding assistance	S	S	S	S	S
4XMOTION	Permanent four wheel drive	S	S	S	S	S
	Transfer gearbox with low range off-road ratio	S	S	S	S	S
	Centre differential with an electrically operated differential lock	S	S	S	S	S
Exterior Equipment / Styling						
Body enhancements	Radiator grille and lower bumper centre air intake surround in chrome	S	S	S	S	S
	Frame of radiator grille in matte chrome	S	S	S	S	S
	Chrome trim on side windows, rear bumper step and lower door panels	S	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	A	-
Glass	Heat insulating tinted glass	S	S	S	S	S
	Rear side windows and rear window dark tinted privacy glass	-	-	-	-	S
Paint	Metallic or Peel Effect paint finish	O	O	O	O	S



Exterior Equipment / Styling (cont'd)		R5 TDI	V6 FSI	V6 TDI	V10 TDI	R50
Protection	Bonnet protector	A	A	A	A	A
	Headlight protector	A	A	A	A	A
	Mudflaps, front	A	A	A	A	A
	Mudflaps, rear	S	S	S	S	A
	Slimline weather shields	A	A	A	A	A
Roof	Roof rack guide rails, Black	S	S	S	-	-
	Roof rack guide rails, Chrome	-	-	-	S	-
	Roof rails with roof profile strips, Chrome	O	O	O	O	S
	Bicycle, ski, surfboard and kayak holders	A	A	A	A	A
	Luggage rack	A	A	A	A	A
	Roof cross bars	A	A	A	A	A
	Ski and luggage box (450 litres)	A	A	A	A	A
Wheels	Alloy wheels (Canyon) 17 x 7½" with 255/60 R17 tyres	S	-	-	-	-
	Alloy wheels (Makalu) 17 x 7½" with 255/60 R17 tyres	-	S	S	-	-
	Alloy wheels (Karthoum) 18 x 8"	A	A	A	A	-
	Alloy wheels (Namib) 19 x 9"	A	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	S
	Weight and space saving steel spare wheel	S	S	S	S	-
	Tyre mobility set, 12-volt compressor and tyre sealant	-	-	-	-	S
	Tyre pressure monitoring system	-	-	-	S	S
Comfort and Convenience						
Armrests	Front centre armrest, adjustable with integrated storage compartment	S	S	S	S	S
	Rear seat centre armrest, foldable	S	S	S	S	S
Boot sill protection – stainless steel		S	S	S	S	S
Carpet mats	Front and rear	S	S	S	S	S
Climate control air-conditioning	Dual zone climate control air conditioning	S	S	S	-	-
	4 zone climate control dual air conditioning	O	O	O	S	S
	Air quality sensor with automatic air recirculation	S	S	S	S	S
	Dust and pollen filter	S	S	S	S	S
Cruise control		S	S	S	S	S
Cup holders	Front (2)	S	S	S	S	S
	Rear (2)	S	S	S	S	-
Floor mats	Front and rear, carpet	S	S	S	S	S
	Front and rear, rubber	A	A	A	A	A
Fuel filler flap	Electrically operated via switch on drivers door	S	S	S	S	S
Grab handles	Soft fold away grab handles	S	S	S	S	S
Headlights	Halogen headlights with clear lightweight polycarbonate lenses	S	S	S	-	-
	Bi-xenon headlights for high/low beams with dynamic cornering lights, automatic self levelling and headlight cleaning system	O	O	O	S	S
	Low light sensor with automatic headlight function	S	S	S	S	S
	Coming / leaving home function	S	S	S	S	S
	Headlight-on warning buzzer	S	S	S	S	S
In car entertainment	AM/ FM radio, theft deterrent warning light and security coding	S	S	S	S	S
	CD player, in dash	S	S	S	S	S
	6 disc CD changer, mounted in luggage area	S	S	S	S	S
	10 speakers, front and rear	S	S	S	-	-
	Volkswagen sound package – 8 channel amplifier with 11 speakers	-	-	-	S	S
	Antenna mounted in side rear window	S	S	S	S	S
	Bluetooth® integrated hands free phone kit	A	A	A	A	A
iPod® adaptor (not available with optional CD changer)	A	A	A	A	A	
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	S



Comfort and Convenience (cont'd)		R5 TDI	V6 FSI	V6 TDI	V10 TDI	R50
Interior highlights	Charcoal metallic inserts in dashboard, centre console and doors	S	-	-	-	-
	Walnut wood/brushed aluminium inserts in dashboard, console and doors	O	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	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	S
Interior lighting	Passenger reading lights, front and rear with time delay	S	S	S	S	S
	Illuminated interior door release handles and adjustable passenger foot wells, front and rear	S	S	S	S	S
	Exit lighting on all doors	S	S	S	S	S
Luggage compartment	Luggage compartment cover and net partition, retractable	S	S	S	S	S
	Luggage compartment lights and load restraining hooks	S	S	S	S	S
	Luggage compartment protection – moulded foam inlay, plastic tub or anti-slip moulded plastic	A	A	A	A	A
	Luggage net	A	A	A	A	A
Mirrors	Automatic dimming interior rear-view mirror with dashboard lighting	S	S	S	S	S
	Electrically adjustable, foldable and heated exterior mirrors	S	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	S
Parking distance sensors	Front and rear with audible and visual warnings	S	S	S	S	S
Power steering	Hydraulic, vehicle speed and steering input sensitive	S	S	S	S	S
Seating	Manual height adjustment for front seats	S	-	-	-	-
	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	S	
Steering wheel	Cruise control, Multi-Function Display and audio controls	S	S	S	S	S
	Height and reach adjustable	S	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	S
	Tiptronic gearshift paddles mounted to steering column	-	-	-	-	S
Storage	Central compartment on the dash panel with lid	S	S	S	S	S
	Centre console tray and 12 volt socket with retractable lid	S	S	S	S	S
	Chillable glove box with illumination, lockable	S	S	S	S	S
	Front seat backrest pockets	S	S	S	S	S
	Front door pockets	S	S	S	S	S
	Rear door pockets and storage trays	S	S	S	S	S
	Sunglass compartment in roof console	S	S	S	S	S
Sun visors	Driver and passenger double sun visors	S	S	S	S	S



Comfort and Convenience (cont'd)		R5 TDI	V6 FSI	V6 TDI	V10 TDI	R50
Tailgate	Loading sill protection – stainless steel	S	S	S	S	S
	Released electrically via switch on driver's door	S	S	S	S	S
	Two part tail gate, opening rear window	S	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	S
	Monochrome display screen	S	S	S	-	-
	Colour large format display screen	-	-	-	S	S
Upholstery	Trail cloth	S	-	-	-	-
	Cricket leather	O	S	S	-	-
	Napa leather, R50 with logo embossed in head restraint	-	O	O	S	S
Vanity mirrors, illuminated on driver's and passenger's side		S	S	S	S	S
Warning lights for open tailgate and doors		S	S	S	S	S
Wipers	2 speed wash/wipe and intermittent wipe with 4 position delay	S	S	S	S	S
	Heated washer jets	-	S	S	S	S
	Rain sensor	S	S	S	S	S
	Rear window with wash/wipe & intermittent wipe	S	S	S	S	S
Windows	Power front / rear, with roll-back function, driver with one-touch up-down	S	S	S	S	S
	Key operated convenience close and open feature	S	S	S	S	S
12V socket	Centre console, front and rear	S	S	S	S	S
	Luggage area	S	S	S	S	S
Optional Equipment						
4 zone climate control dual air conditioning system Not available in conjunction with Touareg Individual package		O	O	O	S	S
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	-
	Not available in conjunction with Touareg Individual package					
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	O	-
Audio	Dynaudio 600W premium audio system with 10 channel amplifier and 10 speakers	O	O	O	O	O
Automatic tailgate	Automatic opening and closing of the tailgate via remote and button on tailgate	O	O	O	O	O
Bi-xenon headlights	Xenon headlights for high and low beam with dynamic and static cornering lights	O	O	O	S	S
	Automatic self levelling and headlight cleaning system					
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 (standard V10 TDI) and oval exhaust tailpipes	-	O	O	O	-
	The Volkswagen Individual exterior design package is not fitted with rear mud flaps					
Electric glass sunroof, slide and tilt adjustable with sunblind		O	O	O	O	O
Electric equipment / Memory package	Electric adjustment and memory function for front seats, steering wheel, exterior mirrors and front seat belt height	-	O	O	S	S
	Automatic kerb function when reversing, passenger's side					
Front fog lights, mounted in lower bumper		O	O	O	S	S



Optional Equipment (cont'd)		R5 TDI	V6 FSI	V6 TDI	V10 TDI	R50
Interior highlights	Volkswagen Individual – Black piano lacquer/brushed aluminium inserts in dashboard, console and doors	-	O	O	O	-
	Walnut wood/brushed aluminium inserts in dashboard, console and doors	O	S	S	S	-
	Walnut wood / leather multi-function steering wheel Not available in conjunction with Touareg Individual package	-	O	O	O	-
Leather upholstery	Cricket leather package includes 12-way electric adjustment with individually heated front seats and heated washer nozzles	O	S	S	-	-
	Napa leather	-	O	O	S	S
Metallic / Pearl Effect paint		O	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	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	O
Roof rails with roof profile strips, Chrome		O	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 armrest storage compartment	O	O	O	O	O
Side Assist	Lane change assistant	O	O	O	O	O
Touareg Individual	- Sienna 19 x 9" alloy wheels in Titanium Silver with 275/45 R19 tyres (4) and anti-theft wheel bolts - Two-colour combination Rodeo and Cricket leather upholstery with Volkswagen Individual logo on front head restraint - Macassar wood/brushed aluminium inserts in dashboard, console and doors (Black piano lacquer finish optional) - Roof rails with roof profile strips, Chrome - Door sill inlays in aluminium with 'Individual' nameplate - Carpet floor mats with matching colour edging	-	O	O	-	-
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	A



Technical Specifications

	V6 FSI	R5 TDI	V6 TDI	V10 TDI	R50 V10 TDI
Engine					
Type	6 cyl 'V' petrol	5 cyl inline turbo diesel	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	Front longitudinal
Cubic capacity, litres/cc	3.6/3597	2.5/2460	3.0/2967	5.0/4921	5.0/4921
Bore/stroke, mm	89.0/96.4	81.0/95.5	83.0/91.4	81.0/95.5	81.0/95.5
Max power, kW @ rpm	206 @ 6200	128 @ 3500	176 @ 4000-4400	230 @ 3750	258 @ 3500
Max torque, Nm @ rpm	360 @ 2500	400 @ 2250	550 @ 2250-2500	750 @ 2000	850 @ 2000
Compression ratio	12:1	19.5:1	17.0:1	18.5:1	18.5:1
Fuel system	Motronic MED 9.1 multi-point injection system	Bosch EDC 16 with unit injectors (Pumpe Düse)	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	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	Exhaust gas recirculation, oxidation catalytic converter, lambda probes and diesel particulate filter
Emission level	EU IV	EU IV	EU IV	EU IV	EU IV
Fuel type (recommended)	Premium unleaded 98 RON	Diesel 51CZ	Diesel 51CZ	Diesel 51CZ	Diesel 51CZ
Transmission					
4XMOTION four-wheel-drive					
Gearbox	6 speed Tiptronic automatic with Dynamic Selection Program (DSP)				
Low range gear ratio	2.66	2.66	2.66	2.66	2.66
Performance					
0 – 100km/h	8.6	11.6	8.3	7.4	6.8
Fuel consumption *					
Combined, L/100km	13.3	10.4	9.9	12.6	12.6
CO2 emission g/km	317	275	262	333	333
Fuel tank capacity, litres	100	100	100	100	100
* Fuel consumption figures according to Australian Design Rule (ADR) 81/01. 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.					
Running gear					
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)	V10 TDI (Optional V6 FSI and V6 TDI)			R50	
	3 damper settings: Automatic, Sport [^] & Comfort			3 damper settings: Automatic, Sport [^] & 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	R5 TDI	V6 TDI	V10 TDI	R50 V10 TDI
Weights					
Tare weight kg	2168	2197	2251	2532	2532
Towing capacity kg	3500	3500	3500	3500	3500
braked					
unbraked	750	750	750	750	750
Towbar load limit kg	350	350	350	350	350
Max. roof load kg	100	100	100	100	100
Exterior Dimensions					
Overall length mm	4754	4754	4754	4754	4754
Width mm	1928	1928	1928	1928	1977
Height mm #	1726 (1703)	1726	1726 (1703)	(1703)	(1778)
Wheelbase mm	2855	2855	2855	2855	2855
Track mm					
front	1649	1649	1649	1645	NA
rear	1661	1661	1661	1657	NA
Interior Dimensions					
Headroom, mm					
front	1008	1008	1008	1008	1008
rear	987	987	987	987	987
Leg room, mm					
front	1057	1057	1057	1057	1057
rear	898	898	898	898	898
Elbow room, mm					
front	1504	1504	1504	1504	1504
rear	1505	1505	1505	1505	1505
Luggage area volume, L					
rear seat upright	555	555	555	500	500
rear seat folded	1570	1570	1570	1525	1525
Luggage area floor length, mm					
rear seat upright	982	982	982	982	982
rear seat folded	1671	1671	1678	1678	1678
Luggage area height, mm	945	945	945	929	929
Luggage area width, mm	1160	1160	1160	1160	1160
Width between wheel arches, mm	1160	1160	1160	1160	1160
Off-road Dimensions					
		Steel Spring Suspension		Air Suspension	Air Suspension
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
INTERIOR TRIM								
R5 TDI								
Anthracite – Trail Cloth	S	S	S	S	S	S	S	-
Anthracite – Cricket Leather	O	O	O	O	O	O	O	-
Sioux – Cricket Leather	O	O	O	O	O	O	O	-
Beige – Cricket Leather	O	O	O	O	O	O	O	-
V6 FSI & V6 TDI								
Anthracite – Cricket Leather	S	S	S	S	S	S	S	-
Sioux – Cricket Leather	S	S	S	S	S	S	S	-
Beige – Cricket Leather	S	S	S	S	S	S	S	-
Anthracite – Napa Leather	O	O	O	O	O	O	O	-
Sioux – Napa Leather	O	O	O	O	O	O	O	-
Beige – Napa Leather	O	O	O	O	O	O	O	-
Touareg Individual – Bark Brown								
Rodeo/Anthracite Cricket Leather	O	O	O	O	O	O	O	-
Touareg Individual – Dakota Rodeo/Anthracite Cricket Leather	O	O	O	O	O	O	O	-
V10 TDI								
Anthracite – Napa Leather	S	S	S	S	S	S	S	-
Sioux – Napa Leather	S	S	S	S	S	S	S	-
Beige – Napa Leather	S	S	S	S	S	S	S	-
R50								
Anthracite – Napa Leather	S	S*	-	-	S	-	-	S

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.



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 (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.

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



Glossary (cont'd)

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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