



Safety and Security		103TDI Sedan & Wagon	125TDI Sedan & Wagon	147TSI Sedan & Wagon	V6 FSI Highline Sedan & Wagon	R36 Sedan & Wagon
Airbags	Driver and front passenger airbags	S	S	S	S	S
	Driver and front passenger side airbags	S	S	S	S	S
	Outer rear seat passenger side airbags	S	S	S	S	S
	Curtain airbags, front and rear	S	S	S	S	S
Anti-theft	Alarm system with interior monitoring and tilt sensor	O	O	O	S	S
	Electronic engine immobiliser	S	S	S	S	S
	Electronic ignition lock	S	S	S	S	S
Body	Fully galvanised with 12 year anti-corrosion perforation warranty	S	S	S	S	S
	Door side impact protection	S	S	S	S	S
	Rigid safety cell with front and rear crumple zones	S	S	S	S	S
Brakes	Anti-lock Braking System (ABS)	S	S	S	S	S
	Electronic Brake-pressure Distribution (EBD)	S	S	S	S	S
	Brake Assist	S	S	S	S	S
	Blue brake callipers	-	-	-	-	S
	Electro-mechanical parking brake	S	S	S	S	S
	Auto hold function	S	S	S	S	S
	Hazard warning system triggered in emergency braking situation	S	S	S	S	S
Child restraint	Child seat anchor points (3)	S	S	S	S	S
Fog lights	Front fog lights, mounted in lower bumper	O	O	O	S	-
	Rear fog lamp	S	S	S	S	S
Head restraints	Front safety optimised head restraints, height adjustable	S	S	S	S	S
	Rear head restraints height adjustable (3)	S	S	S	S	S
Locking	Remote central locking with deadlock mechanism	S	S	S	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	S	S	S	S	S
	Child safety locks on rear doors	S	S	S	S	S
Seat belts	Front height adjustable with pre-tensioners and belt force limiters	S	S	S	S	S
	Outer rear seat belt pre-tensioners	S	S	S	S	S
	Visual and acoustic warning for driver and front seat passenger seat belts not fastened	S	S	S	S	S
	3 point seat belts for all passengers	S	S	S	S	S
Suspension	Adaptive chassis control	-	-	-	S	-
	Sports suspension (lowered 25mm)	-	-	-	-	S
Traction control	Anti-Slip Regulation (ASR)	S	S	S	S	S
	Electronic Stabilisation Program (ESP)	S	S	S	S	S
	4MOTION all wheel drive	-	-	-	S	S
<b>Exterior Equipment / Styling</b>						
Body enhancements	Body coloured bumper bars, door handles and exterior mirrors	S	S	S	S	S
	Chrome radiator grille highlights	-	-	-	S	S
	Chrome trim around side window frames	S	S	S	S	S
	Chrome body side and rear bumper protective mouldings	S	S	S	S	S
	Radiator grille surround in chrome finish	S	S	S	S	-
	Radiator grille surround in matte chrome finish	-	-	-	-	S
	R36 design package consisting of front and rear bumpers in 'R' sports design, body side lower sill extensions, wheel arch extensions, rear boot lid or roof spoiler, dual chrome exhaust tailpipes and R36 badges front and rear	-	-	-	-	S
	Sports body kit	A	A	A	A	-



Exterior Equipment / Styling (cont'd)		103TDI Sedan & Wagon	125TDI Sedan & Wagon	147TSI Sedan & Wagon	V6 FSI Highline Sedan & Wagon	R36 Sedan & Wagon
Paint	Metallic or Pearl Effect paint finish	O	O	O	O	S
Protection	Bonnet protector	A	A	A	A	A
	Headlight protectors	A	A	A	A	A
	Loading sill protection, clear or stainless-steel	A	A	A	A	A
	Mudflaps, front and rear	A	A	A	A	-
	Slimline weather shields	A	A	A	A	A
Roof	Roof rails, chrome (Wagon)	S	S	S	S	S
	Bicycle, ski, surfboard, snowboard and kayak holders	A	A	A	A	A
	Luggage rack	A	A	A	A	A
	Roof bars	A	A	A	A	A
	Ski and luggage box (450 litres)	A	A	A	A	A
Tail lights with LED technology	S	S	S	S	S	
Tinted glass	Darkened rear tail light clusters	-	-	-	-	S
	Heat insulating tinted glass	S	S	S	S	S
Towbar	Tow bar with 7-pin flat trailer connector and removable tongue	A	A	A	A	A
Wheels	Alloy wheels (Milwaukee) 16 x 7" with 215/55 R16 tyres	S	-	-	-	-
	Alloy wheels (Le Mans) 17 x 7½" with 235/45 R17 tyres	-	S	S	-	-
	Alloy wheels (Monte Carlo) 17 x 7½" with 235/45 R17 tyres	-	-	-	S	-
	Alloy wheels (Akiros) 17 x 7½"	A	A	A	A	-
	Alloy wheels (Omanyt) 18 x 8" with 235/40 R18 tyres	-	-	-	-	S
	Alloy wheels (Velos) 18 x 8"	A	A	A	A	A
	Anti-theft wheel bolts	S	S	S	S	S
	Full size alloy spare wheel	S	S	S	S	S
	Low tyre pressure indicator	S	S	S	-	-
Tyre pressure monitoring system	-	-	-	S	S	
<b>Comfort and Convenience</b>						
Armrest	Front centre armrest with storage box and 2 rear air outlets	S	S	S	S	S
	Rear seat centre armrest with cup holders and load through provision	S	S	S	S	S
Air conditioning	Dual zone climate control with indirect ventilation mode	S	S	S	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) with cover	S	S	S	S	S
	Rear (2) in rear centre armrest	S	S	S	S	S
	Bottle holders in front door pockets	S	S	S	S	S
Entry/warning reflectors in front and rear doors	S	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 (4)	S	S	S	S	S



Comfort and Convenience (cont'd)		103TDI Sedan & Wagon	125TDI Sedan & Wagon	147TSI Sedan & Wagon	V6 FSI Highline Sedan & Wagon	R36 Sedan & Wagon
Headlights	Halogen headlights with clear polycarbonate lens	S	S	S	S	-
	Bi-xenon headlights for high and low beam with static and dynamic cornering lights, automatic self levelling and headlight cleaning system	O	O	O	O	S
	Headlight-on warning buzzer	S	S	S	S	S
	Internal headlight range adjustment	S	S	S	S	-
	Low light sensor with automatic headlight function	S	S	S	S	S
	Coming / leaving home function	S	S	S	S	S
	Combined headlight and fog light switch	S	S	S	S	S
In car entertainment	AM/FM security coded radio (RCD510) with 6½" touch screen display, MP3/WMA compatible SD card slot and 6 disc CD changer, in dash	S	S	S	S	S
	Audio functions mounted on steering wheel	S	S	S	S	S
	Auxiliary input socket for external audio source in front centre console	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
	Speakers, front and rear (8)	S	S	S	S	-
	Volkswagen sound package – 8 channel 250W digital amplifier with 10 speakers	-	-	-	-	S
Instrumentation	Speedometer & tachometer, electronic odometer and tripmeter, digital clock, fuel & coolant gauges, outside temperature display, transmission gear indicator and white adjustable illumination	S	S	S	S	S
Interior highlights	'Matte chrome' (Black interior) or 'Stainless steel' (Beige interior) finish inserts in dashboard and centre console	S	S	S	-	-
	Brushed aluminium inserts in dashboard and centre console	-	-	-	S	-
	Dark brushed aluminium inserts in dashboard and centre console	-	-	-	-	S
	Door sill scuff plates with stainless-steel insert	A	A	A	A	A
	Aluminium accelerator and brake pedals with 'R' flags	-	-	-	-	S
	Aluminium door sill inlays with R36 emblem in front	-	-	-	-	S
	Leather steering wheel and gearshift knob	S	S	S	S	S
	Matte chrome trim on instrument cluster and gearshift lever surround	S	S	S	S	S
	Stainless-steel sports pedal set	A	A	A	A	A
Interior lighting	With time delay, front and rear	S	S	S	S	S
	Reading lights, front and rear with chrome rings	S	S	S	S	S
Luggage compartment	Automatic boot lid release (Sedan)	S	S	S	S	S
	Chrome plated load restraining hooks	S	S	S	S	S
	Luggage compartment light	S	S	S	S	S
	Luggage compartment protection: moulded foam and plastic	A	A	A	A	A
	Luggage net	A	A	A	A	A
	Extendable net partition and luggage cover (Wagon)	S	S	S	S	S
	Shopping bag hooks (Sedan)	S	S	S	S	S
	Stainless steel sill protection strip (Wagon)	-	-	-	S	S
	Storage box in side lining	S	S	S	S	S
	12 volt socket	S	S	S	S	S



Comfort and Convenience (cont'd)		103TDI Sedan & Wagon	125TDI Sedan & Wagon	147TSI Sedan & Wagon	V6 FSI Highline Sedan & Wagon	R36 Sedan & Wagon
Mirrors	Automatic dimming interior rear-view mirror	S	S	S	S	S
	Automatic kerb function when reversing, passenger's side exterior mirror	-	-	-	-	S
	Electrically heated and adjustable exterior mirrors	S	S	S	S	S
	Exterior mirrors with memory and electrically foldable	-	-	-	-	S
	Turn indicators with LED technology integrated in exterior mirrors	S	S	S	S	S
Parking distance sensors	Audio volume level reduction when warning is activated	S	S	S	S	S
	Optical Parking System (OPS) in radio display	S	S	S	S	S
	Parking distance sensors, front and rear with acoustic warning	S	S	S	S	S
Power steering	Electro-mechanical, vehicle speed and steering input sensitive	S	S	S	S	S
Seating	Comfort front seats	S	S	S	-	-
	Sports luxury front seats	-	-	-	S	-
	R36 sports front seats with electro-pneumatic side bolsters	-	-	-	-	S
	Front seat height manually adjustable	S	S	S	S	-
	Individually heated front seats	-	-	-	S	S
	Individually heated outer rear seats	-	-	-	-	S
	Driver's seat with 6-way electric adjustment for backrest and lumbar	S	S	S	S	-
	Front seats with 12-way electric adjustment, driver's seat with 3 position memory	O	O	O	O	S
Split folding rear seat backrest (60/40), lockable with armrest and load through provision	S	S	S	S	S	
Steering wheel	3 spoke leather rimmed steering wheel	S	S	S	S	-
	Sports leather steering wheel with aluminium inserts and 'R36' emblem	-	-	-	-	S
	Audio and Multi-Function Display controls	S	S	S	S	S
	Gear shift selection paddles	A	A	-	A	S
	Height and reach adjustable steering wheel	S	S	S	S	S
Storage	Centre console storage compartment	S	S	S	S	S
	Chillable and lockable glove box with illumination	S	S	S	S	S
	Coin tray and 12 volt socket in console	S	S	S	S	S
	Door pockets, front and rear	S	S	S	S	S
	Front seat backrest storage pockets	S	S	S	S	S
	Rear centre armrest with storage and 2 cup holders	S	S	S	S	S
	Compartment with lid in roof console	S	S	S	S	S
	Trays in dashboard (2)	S	S	S	S	S
Umbrella holder in drivers door	S	S	S	S	S	
Trip computer	Multi-Function Display (MFD Plus) – driving time, trip length, average speed, average and current fuel consumption, distance till empty, speed warning function, audio and convenience display	S	S	S	S	S
Upholstery	Verona cloth seats	S	S	S	-	-
	Vienna leather	O	O	O	-	-
	Napa leather	-	-	-	S	-
	San Remo micro fibre / Vienna leather combination upholstery	-	-	-	-	S
Vanity mirrors	Driver's and passenger's side vanity mirrors	S	S	S	S	S
	Illuminated on driver's and passenger's side	S	S	S	S	S



<b>Comfort and Convenience (cont'd)</b>		<b>103TDI</b> Sedan & Wagon	<b>125TDI</b> Sedan & Wagon	<b>147TSI</b> Sedan & Wagon	<b>V6 FSI Highline</b> Sedan & Wagon	<b>R36</b> Sedan & Wagon
Wipers	2 speed aero wipers with wash/wipe and vehicle speed sensitive intermittent wipe	S	S	S	S	S
	Heated washer jets	-	-	-	S	S
	Rain sensor	S	S	S	S	S
	Rear window with wash/wipe and intermittent wipe (Wagon)	S	S	S	S	S
Windows	Power front / rear, with roll-back function, with one-touch up-down	S	S	S	S	S
	Remote operated convenience close and open feature	S	S	S	S	S
	Sunblind for rear windows	A	A	A	A	A
12V socket	Centre console	S	S	S	S	S
	Rear seat area	S	S	S	S	S
	Luggage compartment	S	S	S	S	S
<b>Optional Equipment</b>						
Alloy wheels	Volkswagen Individual, Chicago 18 x 8" with 235/40 R18 tyres (5) Sports suspension (15mm lowered)	O	O	O	O	-
Anti-theft	Alarm system with interior monitoring and tilt sensor	O	O	O	S	S
Audio	Dynaudio 600W premium audio system, 10 channel digital amplifier and 10 speakers	O	O	O	O	O
	6 disc CD changer, fitted in the glove compartment Available only in conjunction with RNS510 satellite navigation system.	O	O	O	O	O
Automatic tailgate	Automatic opening and closing of the tailgate via remote or button on tailgate (Wagon)	O	O	O	O	O
Bi-Xenon headlights	Xenon headlights for high and low beam with static and dynamic cornering lights Automatic self levelling and headlight cleaning system	O	O	O	O	S
Child booster seats	Integrated into outer rear seats with lateral cushion support and removable lateral head restraint Not available with pure beige leather upholstery	O	O	O	O	-
Electric seats with memory	Front seats with 12-way electric adjustment, driver's seat with 3 position memory Electrically heated and adjustable exterior mirrors, foldable with memory Automatic kerb function when reversing, passenger's side exterior mirror	O	O	O	O	S
Electric glass sunroof, slide and tilt adjustable with sunblind		O	O	O	O	O
Front fog lights, mounted in lower bumper		O	O	O	S	-
Metallic / Pearl Effect paint		O	O	O	O	S
Park Assist	Park Assist, parallel parking assistance	O	O	O	O	-
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 Rear View Camera Plus with dynamic guidance lines (Wagon)	O	O	O	O	O
Upholstery	Vienna leather upholstery with individually heated front seats and heated washer jets	O	O	O	-	-
Walnut wood insert in dashboard combined with brushed aluminium insert in centre console		O	O	O	O	-


**Technical Specifications**

	<b>147TSI</b> Sedan & Wagon	<b>103TDI</b> Sedan & Wagon	<b>125TDI</b> Sedan & Wagon	<b>V6 FSI Highline</b> Sedan & Wagon	<b>R36</b> Sedan & Wagon
<b>Engine</b>	<b>2.0 TSI</b> <b>147kW</b>	<b>2.0 TDI</b> <b>103kW</b>	<b>2.0 TDI</b> <b>125kW</b>	<b>3.2 V6 FSI</b> <b>184kW</b>	<b>3.6 V6 FSI</b> <b>220kW</b>
Type	4 cylinder inline turbo petrol	4 cylinder inline turbo diesel	4 cylinder inline turbo diesel	6 cylinder 'V' petrol	6 cylinder 'V' petrol
Installation	Front transverse	Front transverse	Front transverse	Front transverse	Front transverse
Cubic capacity, litres/cc	2.0 / 1984	2.0 / 1968	2.0 / 1968	3.2 / 3168	3.6 / 3597
Bore/stroke, mm	82.5 / 92.8	81.0 / 95.5	81.0 / 95.5	86.0 / 90.9	89.0 / 96.4
Max power, kW @ rpm	147 @ 5100 - 6600	103 @ 4200	125 @ 4200	184 @ 6250	220 @ 6600
Max torque, Nm @ rpm	280 @ 1800 - 4700	320 @ 1750 - 2500	350 @ 1750 - 2500	330 @ 2750 - 3750	350 @ 2400 - 5300
Compression ratio	10.5:1	16.5:1	16.5:1	12.0:1	11.4:1
Fuel system	Bosch Motronic MED 9.1	Bosch EDC 17 with common rail injection	Bosch EDC 17 with common rail injection	Bosch Motronic MED 9.1	Bosch Motronic MED 9.1
Ignition system	Electronic	Compression	Compression	Electronic	Electronic
Exhaust emission control	Two three-way catalytic converters with Lambda control; Exhaust gas recirculation	Exhaust gas recirculation with oxidising catalytic converter and diesel particulate filter	Exhaust gas recirculation with oxidising catalytic converter and diesel particulate filter	Three-way catalyst with lambda control; Exhaust gas recirculation	Two three-way catalytic converters with lambda control; Exhaust gas recirculation
Emission level	EU IV	EU IV	EU IV	EU IV	EU IV
Fuel type (Recommended)	Premium unleaded 98 RON	Diesel 51CZ	Diesel 51CZ	Premium unleaded 98 RON	Premium unleaded 98 RON
Fuel tank capacity, litres	70	70	70	70	70
<b>Transmission</b>	<b>6 Speed Auto</b>	<b>6 Speed DSG</b>	<b>6 Speed DSG</b>	<b>6 Speed DSG</b>	<b>6 Speed DSG</b>
Driven wheels	Front wheel drive	Front wheel drive	Front wheel drive	4MOTION all wheel drive	4MOTION all wheel drive
<b>Performance</b>					
0 – 100km/h, seconds	7.8 Both Variants	9.8 (Sedan) 10.1 (Wagon)	8.6 (Sedan) 8.8 (Wagon)	6.9 (Sedan) 7.2 (Wagon)	5.6 (Sedan) 5.8 (Wagon)
<b>Fuel consumption*</b>					
Combined, L/100km	8.7 (Sedan) 9.0 (Wagon)	6.4 (Sedan) 6.5 (Wagon)	6.5 (Sedan) 6.6 (Wagon)	10.2 Both Variants	10.7 Both Variants
Urban, L/100km	12.3 (Sedan) 12.7 (Wagon)	8.2 (Sedan) 8.3 (Wagon)	8.2 (Sedan) 8.4 (Wagon)	14.3 Both Variants	14.9 Both Variants
Extra Urban, L/100km	6.6 (Sedan) 6.9 (Wagon)	5.4 Both Variants	5.5 (Sedan) 5.6 (Wagon)	7.9 Both Variants	8.3 Both Variants
CO <sub>2</sub> emission, g/km	207 (Sedan) 213 (Wagon)	169 (Sedan) 171 (Wagon)	172 (Sedan) 175 (Wagon)	243 Both Variants	254 Both Variants

\* 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.

Key S = Standard O = Optional Extra A = Volkswagen Genuine Accessory (Dealer fitted) - = Not available


**Technical Specifications (cont'd)**

		2.0 TSI	2.0 TDI	3.2 V6 FSI	3.6 V6 FSI
<b>Running Gear</b>					
Suspension	Front axle	Independent, MacPherson struts with lower wishbones and coil springs. Anti-roll bar.			
	Rear axle	Independent, four-link with coil springs. Anti-roll bar. Sports suspension lowered 25mm (R36)			
Steering		Electro-mechanical power assisted rack & pinion steering			
Brake systems		Anti-lock Braking System (ABS) with Electronic Brake-pressure Distribution (EBD), Brake Assist and Electronic Stabilisation Program (ESP)			
Brakes	Front	Ventilated Discs			
	Rear	Discs (Ventilated Discs V6 FSI Highline and R36)			
Turning circle, metres		11.4			
<b>Weights</b>					
Tare Mass Kg		1506 (Sedan)	1526 (Sedan)	1666 (Sedan)	1681 (Sedan)
		1587 (Wagon)	1587 (Wagon)	1726 (Wagon)	1747 (Wagon)
Towing	Braked	1500	1500	1500	1500
Capacity kg	Unbraked	740 (Sedan)	740 (Sedan)	740 (Sedan)	740 (Sedan)
		750 (Wagon)	750 (Wagon)	750 (Wagon)	750 (Wagon)
<b>Exterior Dimensions<sup>^</sup></b>					
Overall length mm		4765 (4774)	4765 (4774)	4765 (4774)	4806 (4820)
Width mm		1820	1820	1820	1820
Height mm		1472 (1517)	1472 (1517)	1472 (1517)	1447 (1456)
Wheelbase mm		2709	2709	2709	2709
Track mm	Front	1552	1552	1552	1548
	Rear	1551	1551	1551	1558
<b>Luggage Area Dimensions<sup>^</sup></b>					
Volume					
(Rear seat upright) L		565 (603)	565 (603)	541 (588)	541 (588)
(Rear seat folded) L		(1731)	(1731)	(1641)	(1641)
Floor length					
(Rear seat upright) mm		1164 (1132)	1164 (1132)	1164 (1132)	1164 (1132)
(Rear seat folded) mm		1974 (1956)	1974 (1956)	1974 (1956)	1974 (1956)
Maximum width mm		1412 (1428)	1412 (1428)	1412 (1428)	1412 (1428)
Width between wheel arches mm		1014 (1000)	1014 (1000)	1014 (1000)	1014 (1000)
Height mm		409 (463)	409 (463)	409 (442)	409 (442)

<sup>^</sup> (Wagon figures in brackets)



**Colour Combinations**

**EXTERIOR COLOUR**

Arctic Blue Silver M  
 Deep Black PE  
 Candy White\*  
 Reflex Silver M  
 Granite M  
 Silver Leaf M  
 Mocca Anthracite PE  
 Biscay Blue PE  
 Icelandic Grey PE

**INTERIOR TRIM**

**103TDI  
 125TDI  
 147TSI**

Black cloth	S	S	S	S	S	S	S	-	-
Black Vienna leather	O	O	O	O	O	O	O	-	-
Corn Silk Beige Vienna leather	O	O	O	O	O	O	O	-	-

**V6 FSI Highline**

Black Napa leather	S	S	S	S	S	S	S	-	-
Corn Silk Beige Napa leather	S	S	S	S	S	S	S	-	-

**R36**

Black 'San Remo'	-	-	-	-	-	-	-	-	-
Micro fibre / Vienna leather	-	S	S	S	-	-	-	S	S
Latte Macchiato 'San Remo'	-	-	-	-	-	-	-	-	-
Micro fibre / Vienna leather	-	S	S	S	-	-	-	-	S

\*Candy White is only available for R36 in combination with the optional electric glass sunroof at additional cost.

**Please note:** Metallic (M) and Pearl Effect (PE) paint are optional at additional cost, excluding R36.



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## Glossary

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### **4MOTION**

An all-wheel-drive system that provides the best possible traction at all road speeds, in all weather and road conditions. An electronic Haldex clutch responds to traction losses at the front and rear axles and directs torque to the axle with the best traction.

### **Adaptive Chassis Control**

The electrically controlled dampers of adaptive chassis control constantly adjust to the road conditions, the driving situation and driver's requirements. Using a button located on the centre console, the driver selects between three damper settings. In addition, the steering feel is adapted to the selected setting.

Starting from the normal setting, the customer can change the basic character of the car towards sporty or more comfort-oriented driving. In SPORT and COMFORT settings, the corresponding name is illuminated in the button. In NORMAL setting, only the shock absorber symbol is illuminated. In all settings, the adaptive chassis control adjusts the damping to the particular driving situation (up till one thousand times per second) which means it offers an optimum level of driving comfort and enjoyment at all times. Particularly on windy roads and poor surfaces, using adaptive chassis control offers sporty and yet comfortable driving.

### **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.

### **Anti-Slip Regulation (ASR)**

ASR improves driving and steering characteristics by preventing the driven wheels from spinning under acceleration. 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 automatically reduces engine torque. ASR is a switchable traction control system.

### **Auto Hold function**

As soon as the vehicle comes to a complete stop, the ABS hydraulic unit stores the vehicles final braking pressure. So even when you take your foot off the brake pedal, all four wheels brakes remain applied, providing increased comfort in stationary traffic. This function is released automatically when you drive off again.

### **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.

### **Direct Shift Gearbox (DSG)**

DSG is a manual gearbox in which the gearshifts are controlled electronically. What makes the DSG unique is that it has 2 separate gear sets operated by 2 wet multi-plate clutches. The benefit of 2 gear sets and 2 multi-plate wet clutches is that one gear set and clutch is engaged driving the vehicle with the second clutch having already pre-selected the next gear awaiting for power to be transferred. As the next gear has already been pre-selected prior to power being applied, the gear change only takes 3-4 100ths of a second. There is virtually no interruption to power, traction or acceleration. The DSG also offers Tiptronic gear selection and sports mode.

### **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.



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**Glossary (cont'd)**

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**Electronic Stabilisation Program (ESP)**

ABS 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.

**Park Assist\***

Park Assist actively helps the driver when reversing into parallel parking spaces. The system works by using sensors mounted either side of the front bumper together with parking distance sensors front and rear. To parallel park the driver needs to press the Park Assist button and use the appropriate indicator before the car passes the potential parking space. Sensors in the front bumper then scan the size of the parking space as the car is driven slowly past and the driver is alerted if the parking space is big enough. If there is sufficient space, the driver stops the car, selects reverse and let's go of the steering wheel.

Park Assist will alert the driver of the intended reverse path in the Multi-Function Display, within the driver's field of vision. Park Assist then actively supports the driver by taking over the steering control and parks the vehicle in the available space using the ideal course. The driver can however take over the control of the steering at any time and end the automatic parking procedure. The system can reverse into parking spaces on both the left hand and right hand side of the road, for example on one way streets.

Park Assist cannot replace the driver's attentiveness. The driver is still legally responsible for the vehicle. If the driver notices a risk that pedestrians, other vehicles or objects could be damaged or if they are uncertain of the risk, they will need to react accordingly and stop the vehicle, ending the function.

\*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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