



Features and Specifications				
Safety and Security				
		150TDI	V6 TDI	V8 TDI R-Line
Airbags	Driver and front passenger airbags	S	S	S
	Driver and front passenger side airbags	S	S	S
	Driver's knee airbag	S	S	S
	Outer rear seat passenger side airbags	S	S	S
	Curtain airbags, front and rear	S	S	S
	Rollover sensor system	S	S	S
Anti-theft	Alarm system with interior monitoring, tilt sensor and central locking	-	S	S
	SAFELOCK deadlock mechanism			
	Electronic engine immobiliser	S	S	S
Body	Door side impact protection	S	S	S
	Fully galvanised, unitary constructed body with rigid safety cell and front and rear programmed crumple zones	S	S	S
	12 year anti-corrosion perforation warranty	S	S	S
		S	S	S
Brakes	Automatic flashing brake lights activated in emergency braking situation	S	S	S
	Anti-lock Braking System (ABS)	S	S	S
	Electronic Brake-pressure Distribution (EBD)	S	S	S
	Brake Assist	S	S	S
	Electro-mechanical parking brake	S	S	S
	Auto Hold function and Hill Hold Assist	S	S	S
	Multi-collision brake	S	S	S
Incorrect Fuel Filling Prevention		S	S	S
Head restraints	Front safety optimised head restraints	S	S	S
	Front head restraints height adjustable	S	S	S
	Front head restraints longitudinal adjustable	S	S	S
	Rear adjustable and removable (3)	S	S	S
Lighting	LED daytime driving lights	S	S	S
	Front fog lights with static cornering lights, mounted in lower bumper	S	S	S
	LED rear taillights	-	-	S
	Rear fog lamp	S	S	S
	LED rear registration plate light	S	S	S
	Entry/warning reflectors in rear doors	S	S	S
Locking	Remote central locking	S	S	S
	Keyless Access, keyless entry and starting system including starter button	-	O	S
	Available as part of the Technology Package as an option			
	2 stage unlocking (programmable)	S	S	S
	Automatic locking after takeoff (programmable)	S	S	S
	One touch lock / unlock for driver and front passenger	S	S	S
	Electrically operated child safety lock for rear doors	S	S	S
Seat belts	Front height adjustable	S	S	S
	Pre-tensioners for front and outer rear passengers	S	S	S
	Belt force limiters for driver and front passenger	S	S	S
	Warning buzzer and light for driver and front passenger seat belt not fastened	S	S	S
	3 point seat belts for all passengers	S	S	S
	Child seat anchor points mounted on rear seat (3)	S	S	S
	ISOFIX child seat anchorage points, outer rear seats	S	S	S



Exterior Equipment / Styling		150TDI	V6 TDI	V8 TDI R-Line
Traction control	Anti-Slip Regulation (ASR)	S	S	S
	Electronic Differential Lock (EDL)	S	S	S
	Electronic Stabilisation Program (ESP) with active rollover protection function	S	S	S
	Engine Braking Control (EBC)	S	S	S
	Off-road function with Anti-lock Braking System (ABSplus) and Hill Descent Assist	S	S	S
	4MOTION permanent all wheel drive	S	S	S
Body enhancements	Body coloured door handles and exterior mirrors	S	S	S
	Body coloured lower body side and bumper trim	S	S	S
	Chrome radiator grille highlights	S	S	S
	Chrome trim around side window frames	S	S	S
	Chrome lower body side mouldings and rear bumper step	S	S	S
	Dual triangular chrome exposed exhaust tail pipes, left and right	S	S	-
	Dual oval chrome exposed exhaust tail pipes, left and right	-	-	S
	Front bumper centre lower air intake with chrome highlights	S	S	S
	R-Line exterior body styling, front and rear bumpers, side sills and rear roof spoiler	-	-	S
R-Line exterior badging on front side panels	-	-	S	
Tinted glass	Heat insulating tinted glass	S	S	S
	Dark tinted rear side windows and rear window, 65% light absorbing	-	-	S
Paint	Metallic or Pearl Effect paint finish	O	O	S
Roof	Roof rails, chrome	S	S	S
Wheels	Alloy wheels (Arica) 18 x 8" with 255/55 R18 tyres (4)	S	-	-
	Alloy wheels (Masafi) 20 x 9" with 275/45 R20 tyres (4)	-	S	-
	Alloy wheels (Mallory) 21 x 9.5 with 275.40 R21 tyres (4)	-	-	S
	Chrome wheel bolt covers	S	S	S
	Anti-theft wheel bolts	S	S	S
	Weight and space saving steel spare wheel	S	S	S
	Electric air compressor	S	S	S
	Tyre pressure monitoring system	-	-	S
Comfort and Convenience				
Armrests	2 Part front centre armrest, adjustable with integrated storage compartment	S	S	S
	Rear seat centre armrest, foldable including cup holders (2)	S	S	S
Air conditioning	Dual zone automatic climate control air conditioning	S	S	S
	4 zone automatic climate control air conditioning	-	-	S
	Air quality sensor with automatic air recirculation	S	S	S
	Dust and pollen filter	S	S	S
	Climate zone synchronisation	S	S	S
	Residual heat mode (REST)	S	S	S
Cruise control	Cruise Control	S	S	S
	Adaptive Cruise Control (ACC)	O	O	S
	Available as part of Driver Assistance Package as an option			
Cup holders	Front (2)	S	S	S
	Rear (2)	S	S	S
	Bottle holders in front door pockets	S	S	S



Comfort and Convenience (cont'd)		150TDI	V6 TDI	V8 TDI R-Line
Driver assistance systems	Air suspension with adaptive dampening control	-	S	S
	Area View, front, side and rear cameras to provide 360 degree exterior view Available as part of the Technology Package as an option	-	O	S
	Driver Fatigue Detection system	S	S	S
	Optical Parking System (OPS) in radio/navigation display	S	S	S
	Parking distance sensors, front and rear with acoustic warning and audio volume level reduction when sensor warning is activated	S	S	S
	Adaptive Cruise Control (ACC)~	-	O	S
	Front Assist function with City Emergency Brake function (City EB)~	-	O	S
	Side Assist, lane changing assistance~	-	O	S
	Lane Assist, lane departure warning system~	-	O	-
	Proactive occupant protection system~	-	O	S
	~Available as part of the Driver Assistance Package as an option			
Rear View Camera (RVC Plus with dynamic guidance lines)	S	S	S	
Floor mats	Front and rear, carpet	S	S	S
Fuel filler flap	Fuel filler flap lock/unlock by remote, push to open	S	S	S
Grab handles	Soft fold away grab handles	S	S	S
Headlights	Bi-Xenon headlights for high and low beam with dynamic cornering lights, LED daytime driving lights integrated in headlight housing, automatic self-levelling and headlight cleaning system	S	S	S
	Headlight setting rotary switch with front and rear fog light switches	S	S	S
	Coming / leaving home function	S	S	S
	Low light sensor with automatic headlight function	S	S	S
In car entertainment and technology	Multi-Function Vehicle Display – climate control settings, vehicle service information, audio and convenience settings	S	S	S
	Audio controls mounted on steering wheel	S	S	S
	Auxiliary input socket for external audio source in centre console	S	S	S
	Media Device Interface (MDI), located in centre console and supplied with USB and auxiliary input connection cables	S	S	S
	Bluetooth® phone connectivity with phonebook display, operation via touch screen audio unit or MFD Premium with Bluetooth® audio streaming	S	S	S
	Dynaudio Confidence 620W premium audio system, 12 channel digital amplifier and 12 speakers	-	-	S
	Satellite navigation system (RNS850) High-resolution multicolour 8 inch touch screen black gloss finish display in 16:9 format, 2D, topographical and 3D (bird's eye) map views, voice control for navigation and radio functions, integrated 60GB hard drive for storing music and navigation data, two SDHC compatible SD card slots and single DVD drive for the playback of audio and video files, including but not limited to MP3, MP4, AVI, WMA, WMV, MPEG, AAC (iPod® format)	S	S	S
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
Interior highlights	Chrome trim surrounding instrument dials and gear lever	S	S	S
	Door sill scuff plates in stainless steel with R-Line Logo	-	-	S
	Leather gear shift knob with aluminium insert	S	S	S
	Stainless steel finish brake and accelerator pedals	-	-	S
	Silver Metallic and black gloss inserts in dashboard, console and doors	S	-	-
	Sapelli Mahagoni ornamental wood inserts in dashboard, centre console and doors with brushed aluminium surrounds	-	S	-
Aluminium 'Silver Lane' decorative inserts in dashboard, console and doors	-	-	S	



Comfort and Convenience (cont'd)		150TDI	V6 TDI	V8 TDI R Line
Interior lighting	Passenger reading lights, front and rear with time delay	S	S	S
	Foot well lighting front and rear	S	S	S
Luggage compartment	Net partition, rear seat backrest to roof lining	S	S	S
	Elastic storage straps	S	S	S
	Extendable luggage cover	S	S	S
	Luggage compartment lights	S	S	S
	Luggage net	S	S	S
	Luggage mat, reversible (carpet and rubber) and removable	S	S	S
	Rear seat backrest remote release	S	S	S
	12 volt socket	S	S	S
Shopping bag hook	S	S	S	
Mirrors	Automatic dimming interior rear-view mirror	S	S	S
	Electrically heated, foldable and adjustable exterior mirrors, automatically dimming on driver's side with environment lighting	S	S	S
	Electrically heated, foldable and adjustable exterior mirrors, automatically dimming on driver's side with environment lighting and memory	-	O	S
	Available as part of the Technology Package as an option LED turn indicators mounted in exterior mirrors	S	S	S
Power steering	Hydraulic, vehicle speed and steering input sensitive	S	S	S
Seating	Comfort front seats	S	S	-
	Comfort sports front seats	-	-	S
	Electrically adjustable front seats, 14-way adjustment including electric lumbar adjustment and electro-pneumatic side bolsters	S	S	S
	Individually heated front seats	S	S	S
	Heated rear outer seats	-	-	S
	Driver and front passenger seats with 3 position memory function	-	O	S
	Available as part of the Technology Package as an option Rear seat bench asymmetrically split and folding, longitudinally sliding with recliner adjustment, centre armrest and load-through provision Rear seat remote release from luggage compartment	S	S	S
Steering wheel	Height and reach adjustable	S	S	S
	Electric height and reach adjustable	-	O	S
	Leather rimmed 3 spoke multi-function steering wheel	S	S	S
	Heated leather rimmed 3 spoke multi-function steering wheel with R-Line logo	-	-	S
	Multi-Function Display (MFD Premium), telephone and audio controls	S	S	S
	Gear shift selection paddles	-	-	S
Storage	Central compartment on the dash panel with lid	S	S	S
	Centre console tray and 12 volt socket with lid	S	S	S
	Chillable glove box with illumination, lockable	S	S	S
	Drawer under driver's seat	S	S	S
	Drawer under front passenger seat	S	S	S
	Front seat backrest nets	S	S	S
	Front door pockets, with bottle holders	S	S	S
	Rear door pockets	S	S	S
Sunglass storage in glove compartment	S	S	S	
Sun visors	Driver and passenger double sun visors	S	S	S
Sunroof	Panoramic glass sunroof, electrically slide and tilt adjustable front half section with electrically operated (perforated) sunblind and integrated wind deflector	-	O	O



Comfort and Convenience (cont'd)		150TDI	V6 TDI	V8 TDI R Line
Tailgate	Automatic opening and closing of the tailgate via key remote and button on tailgate	-	S	S
	Released electrically via switch on driver's door	S	S	S
	Loading sill protection – stainless steel	S	S	S
Trip computer	Multi-Function Display (MFD Premium) 7" colour large format display screen – trip time, trip length, average speed, distance to empty, average and current fuel consumption, outside air temperature, speed warning system, audio system display, telephone menu and gear position, warning lights for open tailgate and doors	S	S	S
Upholstery	Vienna leather appointed seat upholstery	S	-	-
	Nappa leather appointed seat upholstery	-	S	-
	Two colour Nappa leather appointed seat upholstery with R-Line stitched logo on front driver and passenger head restraints	-	-	S
	Some parts of the leather appointed seat upholstery will contain man made material.			
Vanity mirrors	Illuminated on driver's and passenger's side	S	S	S
Wipers	2 speed wash/wipe windscreen wipers	S	S	S
	Heated washer jets	S	S	S
	Rain sensor with 4 position sensitivity	S	S	S
	Rear window with wash/wipe & intermittent wipe	S	S	S
Windows	Power front / rear, with roll-back function, driver with one-touch up - down	S	S	S
	Remote operated convenience close and open feature	S	S	S
12V socket	Centre console, front and rear	S	S	S
	Luggage area	S	S	S
Optional Packages				
Technology package	Area View, front, side and rear cameras to provide 360 degree exterior view	-	O	S
	Electrically adjustable door mirrors with memory function			
	Automatic kerb view function when reversing, passenger's side exterior mirror			
	Electrically adjustable front seats with 3 position memory function for driver and front passenger			
	Electrically height and reach adjustable, heated steering wheel with memory and easy entry function			
	Keyless Access, keyless entry and starting system including starter button			
	100 litre fuel tank capacity (V6 TDI)			
Driver assistance package	Adaptive Cruise Control (ACC)	-	O	S
	Front Assist function and City Emergency brake (City EB) function			
	Heated, multi-function leather steering wheel			
	Lane Assist, lane departure warning system			
	Not available for V8 TDI R-Line			
	Proactive occupant protection system			
	Side Assist, lane changing assistant			
The contents of the Driver assistance package with the exception of Lane Assist are standard on the V8 TDI R-Line				



Technical Specifications

	150TDI	V6 TDI	V8 TDI R-Line
Engine	3.0 litre V6 TDI	3.0 litre V6 TDI	4.2 litre V8 TDI
	BlueMotion Technology	BlueMotion Technology	
Type	6 cyl 'V' turbo diesel with engine Start/Stop system*	6 cyl 'V' turbo diesel with engine Start/Stop system*	8 cyl 'V' turbo diesel
Installation	Front longitudinal	Front longitudinal	Front longitudinal
Cubic capacity, litres/cc	3.0/2967	3.0/2967	4.2/4134
Bore/stroke, mm	83.0/91.4	83.0/91.4	83.0/95.5
Max power, kW @ rpm	150 @ 3200-4000	180 @ 4000-4400	250 @ 4000
Max torque, Nm @ rpm	450 @ 1250-2750	550 @ 1750-2250	800 @ 1750-2750
Compression ratio	16.8:1	16.8:1	16.4:1
Fuel system	Bosch Common rail	Bosch Common rail	Bosch Common rail
Ignition system	Compression	Compression	Compression
Exhaust emission control	Exhaust gas recirculation, oxidation catalytic converter, diesel particulate filter	Exhaust gas recirculation, oxidation catalytic converter, diesel particulate filter	Exhaust gas recirculation, oxidation catalytic converter, diesel particulate filter
Emission level [^]	Euro 5	Euro 5	Euro 5
Fuel type (recommended)	Diesel 51CZ	Diesel 51CZ	Diesel 51CZ
Transmission	4MOTION	4MOTION	4MOTION
	all-wheel-drive	all-wheel-drive	all-wheel-drive
Gearbox	8 speed automatic transmission with Tiptronic function, sports mode and Coasting Function		
Performance #			
0 – 100km/h	8.5	7.6	5.8
Fuel consumption **			
Combined, L/100km	7.2	7.4	9.2
Urban, L/100km	8.4	8.6	12.0
Extra Urban, L/100km	6.5	6.7	7.5
CO2 emission g/km	190	196	242
Fuel tank capacity, Litres	85	85 (100)	100

[^] Emission level according to European Regulation (EC) No. 715/2007 and Regulation (EC) No. 692/2008.

*The Start/Stop system is designed to reduce fuel consumption and CO2 emissions. It achieves this by automatically switching off the engine while the vehicle is stationary and then starting it again automatically when the driver wants to drive off. There are certain operating conditions where the Start/Stop system is deactivated (e.g. during engine warm-up), please refer to the owner's manual for full operating information.

Please note 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, fitment of accessories and vehicle condition can in practice lead to consumption figures which may differ from those calculated with these standards.

Fuel tank capacity figures in brackets relate to vehicles equipped with the optional Technology Package.

Running gear			
Steering		Hydraulic power assisted rack & pinion steering	
Turning circle, m		11.9	
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	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.	
Air suspension with adaptive damping control		V6 TDI and V8 TDI R-Line	
		3 damper settings:	Automatic, Sport ^o & Comfort
		Variable ride height:	Loading level 147mm
			Road level 197mm
			Off-road level 247mm
			Extra level 300mm
		^o Suspension height is automatically reduced to 172mm.	
		^o V8 TDI R-Line Air suspension with sport enhancements	



Technical Specifications (cont'd)

	150TDI	V6 TDI	V8 TDI R-Line
Weights			
Tare weight kg	2146	2159	2287
Towing capacity kg*	3500	3500	3500
braked ≠ Unbraked	750	750	750
Towbar load limit kg	280	280	280
Max. roof load kg	100	100	100
Exterior Dimensions			
Overall length mm	4801	4801	4801
Width mm	1940	1940	1940
Height mm	1732	1732	1732
Wheelbase mm	2904	2904	2904
Track mm front^	1650	1642	1638
rear^	1670	1662	1658
Luggage Area Dimensions #			
Luggage area volume, L	580	580	580
rear seat upright	1642	1642	1642
rear seat folded			
Luggage area floor length, mm	974	974	974
rear seat upright	1814	1814	1814
rear seat folded			
Luggage area height, mm	866	866	866
Luggage area width, mm	1158	1158	1158
Minimum			
Maximum	1189	1189	1189
Off-road Dimensions			
	Steel Spring Suspension	Air Suspension	
Approach angle	25 Degrees	27 Degrees	
Departure angle	25 Degrees	27 Degrees	
Break over / Ramp angle	20 Degrees	22 Degrees	
Ground clearance	205mm	233mm	
Wading depth	500mm	580mm	
Maximum gradability		31 Degrees	
Maximum lateral slope angle		35 Degrees	

Please note figures are sourced from overseas data where equipment levels by model variant may vary.

≠ Please note Volkswagen Group Australia does not endorse or will not be held liable for any claim, loss or damage arising from the use or fitment of electronic trailer brakes

*With trailer brakes up to a gradient of 12%

^Track figures are based on vehicles fitted with specified standard wheels



Colour combinations

EXTERIOR COLOUR						
	Deep Black PE	Pure White	Canyon Grey M	Tungsten Silver M	Light Silver M	Moonlight Blue PE
INTERIOR TRIM						
150TDI						
Black – Vienna leather appointed seat upholstery	S	S	S	S	S	S
V6 TDI						
Black – Nappa leather appointed seat upholstery	S	S	S	S	S	S
Corn Silk Beige – Nappa leather appointed seat upholstery	S	S	S	S	S	S
V8 TDI R-Line						
Flint Grey / Black – Nappa Leather appointed seat upholstery	S	S	S	-	S	S

Please note Metallic (M) and Pearl Effect (PE) paint are optional at extra cost on 150TDI, V6 TDI.



Glossary

4MOTION

The power of the Touareg engine is transmitted to the wheels via the permanent 4MOTION all-wheel drive system. This flow of power is handled by a Torsen transfer box to direct drive to the wheels where required to provide the best possible traction at all road speeds, in all weather and road conditions

Adaptive Cruise Control (ACC)*

Adaptive Cruise Control (ACC) is an extension of the conventional cruise control system with advanced capabilities based on radar sensors, multi-function camera and parking distance sensors. When ACC is activated, the vehicle automatically brakes and accelerates in a speed and distance 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. ACC will reactivate automatically if the traffic moves within 2 seconds, otherwise the driver can reactivate the system by depressing the accelerator pedal.

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 (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-lock Braking System (ABSplus)

In addition to the functionality of ABS, when the off road function is selected via the centre console dial the ABSplus is activated. If loose surfaces are registered, wheel lock forms a wedge in front of the wheels significantly shortening braking distances in off-road conditions.

Auto Hold

When activated, 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, preventing the vehicle from rolling away without having to depress the footbrake providing increased comfort in stationary traffic. This function is released automatically when you drive off again.

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.

*Optional equipment on V6 TDI

^Only available on selected models



Glossary (cont'd)

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.

Coasting Function[^]

While driving, as the driver's foot is taken off the accelerator pedal the engine is declutched, allowing the vehicle to coast and roll over a longer distance. The momentum of the vehicle is used to save fuel with a foresighted driving style. When the brake, accelerator pedal or the gear selector lever is operated, the clutch is re-engaged and engine braking / drive takes effect. Coasting Function can be selected or deselected via the multifunction display settings. The gear selector lever is required to be in the D position to be functional.

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 reduces the effects of 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.

Fatigue Detection

The driver Fatigue Detection system automatically analyses the driving characteristics and if they indicate possible fatigue, recommends that the driver takes a break. The system continually evaluates steering wheel movements along with other signals in the vehicle on motorways and others roads at speeds in excess of 65 km/h, and calculates a fatigue estimate.

If fatigue is detected, the driver is warned by information in the Multi-function Display (MFD Premium) and an acoustic signal. The warning is repeated after 15 minutes if the driver has not taken a break.

Fatigue Detection cannot replace the driver's assertiveness. The driver is still legally responsible for the vehicle and therefore determining whether or not they are fit to drive. A driving time of 15 minutes is required in order to assess the driver correctly. The functionality of the system is restricted given a sporty driving style, winding roads and poor road surfaces.

Front Assist with City Emergency Brake (City EB) function*

Above 30km/h, 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 traffic ahead is monitored constantly by the radar at the front. If a vehicle is detected ahead of you in the lane, the distance and the speed relative to it are calculated. If the gap is closing too fast, Front Assist initially warns the driver by means of an audible as well as a visual signal. At the same time, the brake pads are brought into contact with the brake discs and the sensitivity of the Brake Assist is increased. This primes the braking system for a possible emergency stop. If the situation escalates, the Front Assist function provides automatic braking and/or boosting of the driver's braking force up to maximum braking in critical situations in an attempt to reduce the impact severity.

The City Emergency Brake (City EB) function is a radar based emergency braking system designed to help a driver avoid a low-speed crash or to reduce its severity. At vehicle speeds below 30km/h, City EB monitors the area ahead of the car for vehicles which might present a threat of collision. If a collision is likely, City Emergency Braking first pre-charges the brakes and makes the emergency Brake Assist system more sensitive: if the driver should notice the risk, the car is ready to respond more quickly to their braking action.

However, if the driver still takes no action and a collision becomes imminent, City Emergency Braking independently applies the brakes very hard. If the driver intervenes to try to avoid the accident, either by accelerating hard or by steering, City EB will deactivate and allow the driver to complete the avoidance manoeuvre.

Front Assist with City Emergency Brake (City EB) 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.

* Optional equipment on V6 TDI

[^] Only available on selected models



Glossary (cont'd)

Hill Descent Assist

Hill Descent Assist supports the driver when driving down a steep incline at the speed elected by the driver by means of actively controlled brake applications. Hill Descent Assistance will only operate when off road mode is activated, speeds are lower than 30km/h, the gradient is greater than 10%, the engine is running and the accelerator and brake pedals are not pressed.

Hill Hold Assist

The Hill Hold Assist function comes into effect when stationary on steep inclines, utilising the transmission as necessary to prevent the vehicle rolling back.

Lane Assist*^

Lane Assist is a lane departure warning system that is designed to help reduce the likelihood of the vehicle leaving the road or crossing into an oncoming lane and therefore the risk of accident as a result of driver distraction or a lapse in concentration.

The Lane Assist system monitors the road ahead with the aid of a multi-function camera (located near the interior rear-view mirror) which recognises lane markings and evaluates the position of the vehicle. If the vehicle starts to leave the lane, the driver is warned about the situation by a steering wheel vibration.

Lane Assist cannot replace the driver's assertiveness. The driver is still legally responsible for the vehicle and therefore staying in the lane at all times. The system will not work if there are no recognisable lane markings. The camera vision can be reduced by rain, snow, heavy spray or oncoming lights. This and vehicles in front of you can lead to the lane markings not being recognised by the Lane Assist system. The Lane Assist system does not activate at a vehicle speed of less than 65km/h.

Multi-collision brake

The multi-collision brake has been designed to provide effective assistance for the driver in the moments after an accident. Multi-collision brake triggers automatic controlled braking once an initial collision has been detected so as to reduce the intensity of further accidents after a collision and can help prevent follow-on collisions with oncoming traffic.

The triggering of the multi-collision brake is based on a collision being detected by the airbag sensors. The ESP control unit limits the deceleration of the vehicle by the multi-collision brake to a defined value and vehicle speed. The vehicle can still be controlled by the driver, even when automatic braking is taking place. The driver can interrupt the multi-collision braking at any time by accelerating or braking even more strongly.

Proactive occupant protection system*

The proactive occupant protection system incorporates active and passive safety elements. When the system detects a potential accident situation, the occupants and the vehicle are prepared for a possible accident. Automatic tensioning of the safety belts secures the driver and front passenger in their seats to attain the best possible protective potential of the airbag and belt system. In case of high transverse dynamics the side windows and optional panoramic sunroof are also closed, leaving just a small air gap. Closing of the windows offers optimal support to the head and side airbags which results in the best possible protection.

Side Assist*

Side Assist, is a 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 on V6 TDI

^Only available on selected models

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