

VOLKSWAGEN TOUAREG Features and Specifications Model Year 2011 (MY11)	150TDI	V6 TDI	V6 TDI 4XMOTION	V6 FSI
SAFETY AND SECURITY				
S = Standard O = Optional Extra A = Volkswagen Genuine Accessory (Dealer fitted) – Not Available				
Airbags				
Driver and front passenger airbags	S	S	S	S
Driver and front passenger side airbags	S	S	S	S
Driver's knee airbag	S	S	S	S
Outer rear seat 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
Electronic engine immobiliser	S	S	S	S
Body				
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
12 year anti-corrosion perforation warranty	S	S	S	S
Brakes				
Anti-lock Braking System (ABS)	S	S	S	S
Electronic Brake-pressure Distribution (EBD)	S	S	S	S
Brake Assist	S	S	S	S
Electro-mechanical parking brake	S	S	S	S
Auto Hold function	S	S	S	S
Hill Hold Assist	S	S	S	S
Child restraint				
Child seat anchor points mounted on rear seat (3)	S	S	S	S
Head restraints				
Front safety optimised head restraints	S	S	S	S
Front head restraints height adjustable	S	S	S	S
Front head restraints longitudinal adjustable	–	S	S	S
Rear adjustable and removable (3)	S	S	S	S
Lighting				
Daytime driving lights	S	S	S	S
Front fog lights with static cornering lights, mounted in lower bumper	S	S	S	S
Rear fog lamp	S	S	S	S
Entry/warning lights with environment lighting in front and rear doors	S	S	S	S
Locking				
Remote central locking with deadlock mechanism	S	S	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 height adjustable	S	S	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

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SAFETY AND SECURITY (CONT'D)				
S = Standard O = Optional Extra A = Volkswagen Genuine Accessory (Dealer fitted) – Not Available				
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
Off-road function with Anti-lock Braking System (ABSplus) and Hill Descent Assist	S	S	S	S
4MOTION permanent all wheel drive	S	S	–	S
4XMOTION permanent four wheel drive	–	–	S	–
Transfer gearbox with low range off-road ratio	–	–	S	–
Centre and rear differentials with electrically operated differential locks	–	–	S	–
EXTERIOR EQUIPMENT AND STYLING				
Body enhancements				
Body coloured door handles and exterior mirrors	S	S	S	S
Body coloured lower body side and bumper trim	S	S	–	S
Grey and silver coloured lower body side and bumper trim	–	–	S	–
Chrome radiator grille highlights	S	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	–	S
Dual oval chrome exposed exhaust tail pipes, left and right	–	–	S	–
Front bumper centre lower air intake with chrome highlights	S	S	–	S
Glass				
Heat insulating tinted glass	S	S	S	S
Paint				
Metallic or Pearl Effect paint finish	O	O	O	O
Protection				
Headlight protector	A	A	A	A
Mudflaps, front	A	A	A	A
Mudflaps, rear	A	A	A	A
Roof				
Roof rails, chrome	S	S	S	S
Roof cross bars	A	A	A	A
Bicycle, ski, surfboard and kayak holders	A	A	A	A
Ski and luggage box	A	A	A	A
Tow bar				
Tow bar, vertical hitch with 7-pin flat trailer connector and removable tongue	A	A	A	A
Wheels				
Alloy wheels (Atacama) 17 x 7 1/2" with 255/60 R17 tyres (4)	S	–	–	–
Alloy wheels (Karakum) 18 x 8" with 255/55 R18 tyres (4)	–	S	S	S
Alloy wheels (Pikes Peak) 20 x 9" with 275/45 R20 tyres (4)	–	O	O	O
Alloy wheels (various designs) 17", 19" and 21"	A	A	A	A
Please consult your Volkswagen Dealer for correct wheel and tyre fitment by model				
Chrome wheel bolt covers	S	S	S	S
Anti-theft wheel bolts	S	S	S	S
Weight and space saving steel spare wheel	S	S	S	S
Electric air compressor				

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Armrests				
2 Part front centre armrest, adjustable with integrated storage compartment	S	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	S
Air quality sensor with automatic air recirculation	S	S	S	S
Dust and pollen filter	S	S	S	S
Climate zone synchronisation	S	S	S	S
Residual heat mode (REST)	S	S	S	S
Cruise control	S	S	S	S
Cup holders				
Front (2)	S	S	S	S
Rear (2)	S	S	S	S
Bottle holders in front door pockets	S	S	S	S
Driver assistance systems				
Air suspension with adaptive damping control	–	O	O	O
Area View, front, side and rear cameras to provide 360 degree exterior view	O	O	O	O
Driver assistance package	O	O	O	O
Please refer to optional packages section for package contents				
Optical Parking System (OPS) in radio/navigation display	S	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	S
Rear View Camera (RVC Plus) with dynamic guidance lines	–	S	S	S
Floor mats				
Front and rear, carpet	S	S	S	S
Front and rear, rubber	A	A	A	A
Fuel filler flap				
Fuel filler flap lock/unlock by remote, push to open	S	S	S	S
Grab handles				
Soft fold away grab handles	S	S	S	S
Headlights				
Halogen twin headlights with clear polycarbonate lens	S	S	S	S
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	O	O	O	O
Headlight setting rotary switch with front and rear fog light switches	S	S	S	S
Coming / leaving home function	S	S	S	S
Daytime driving lights	S	S	S	S
Headlight-on warning buzzer	S	S	S	S
Internal headlight range adjustment	S	S	S	S
Low light sensor with automatic headlight function	S	S	S	S

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COMFORT AND CONVENIENCE (CONT'D)				
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In car entertainment and technology				
Multi-Function Vehicle Display – climate control settings, vehicle service information, audio and convenience settings,	S	S	S	S
AM/FM security coded radio (RCD550) with 6 1/2" touch screen display, MP3/WMA compatible SD card slot and 6 disc CD changer, in dash	S	–	–	–
Audio functions mounted on steering wheel	S	S	S	S
Auxiliary input socket for external audio source in centre console	S	–	–	–
Media Device Interface (MDI), located in the glove compartment and supplied with USB connection cable	S	–	–	–
Media Device Interface (MDI), located in the glove compartment and supplied with USB and auxiliary input connection cables	–	S	S	S
Media Device Interface (MDI) connection cables, iPod®, mini USB and auxiliary input	A	A	A	A
Bluetooth® phone connectivity with phonebook display, operation via touch screen audio unit or MFD Premium with Bluetooth® audio streaming	S	S	S	S
Dynaudio Confidence 620W premium audio system, 12 channel digital amplifier and 12 speakers	O	O	O	O
Dynaudio is combined with either the RCD550 radio or RNS850 satellite navigation system.				
Satellite navigation system (RNS850)	O	S	S	S
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)				
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				
Chrome trim surrounding instrument dials and gear lever	S	S	S	S
Door sill trim with metal inlay	–	S	S	S
Leather gear shift knob with aluminium insert	S	S	S	S
Silver Metallic and black gloss inserts in dashboard, console and doors	S	–	–	–
Vavona ornamental wood inserts in dashboard, centre console and doors with brushed aluminium surrounds	–	S	S	S
Interior lighting				
Passenger reading lights, front and rear with time delay	S	S	S	S
Foot well lighting front and rear	S	S	S	S
Luggage compartment				
Net partition, rear seat backrest to roof lining	S	S	S	S
Elastic storage straps	S	S	S	S
Extendable luggage cover	S	S	S	S
Luggage compartment lights	S	S	S	S
Luggage net	S	S	S	S
Luggage mat, reversible (carpet and rubber) and removable	S	S	S	S
Moulded foam or plastic tub protection inlays	A	A	A	A
Rear seat backrest remote release	–	S	S	S
12 volt socket	S	S	S	S
Shopping bag hook	S	S	S	S

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COMFORT AND CONVENIENCE (CONT'D)				
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Mirrors				
Automatic dimming interior rear-view mirror	S	S	S	S
Electrically heated, foldable and adjustable exterior mirrors, automatically dimming on driver's side with environment lighting	S	S	S	S
Automatic kerb view function when reversing, passenger's side exterior mirror	S	S	S	S
LED turn indicators mounted in exterior mirrors	S	S	S	S
Power steering				
Hydraulic, vehicle speed and steering input sensitive	S	S	S	S
Seating				
Front seats with height adjustment	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	S
Rear seat bench asymmetrically split and folding, longitudinally sliding with recliner adjustment, centre armrest and load-through provision	S	S	S	S
Rear seat remote release from luggage compartment	–	S	S	S
Steering wheel				
Height and reach adjustable	S	S	S	S
Leather rimmed 3 spoke multi-function steering wheel	S	S	S	S
Multi-Function Display (MFD Premium), telephone and audio controls	S	S	S	S
Storage				
Central compartment on the dash panel with lid	S	S	S	S
Centre console tray and 12 volt socket with lid	S	S	S	S
Chillable glove box with illumination, lockable	S	S	S	S
Front seat backrest nets	–	S	S	S
Front door pockets, with bottle holders	S	S	S	S
Rear door pockets	S	S	S	S
Sunglass storage in glove compartment	S	S	S	S
Sun visors				
Driver and passenger double sun visors	S	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	O	O
Tailgate				
Automatic opening and closing of the tailgate via key remote and button on tailgate	–	S	S	S
Released electrically via switch on driver's door	S	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	S
Upholstery				
Cricket leather appointed seat upholstery	S	–	–	–
Nappa leather appointed seat upholstery	–	S	S	S
Some parts of the leather appointed seat upholstery will contain man made material.				

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S = Standard O = Optional Extra A = Volkswagen Genuine Accessory (Dealer fitted) – Not Available				
Vanity mirrors				
Illuminated on driver's and passenger's side	S	S	S	S
Wipers				
2 speed wash/wipe windscreen wipers	S	S	S	S
Heated washer jets	S	S	S	S
Rain sensor with 4 position sensitivity	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
Remote 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
OPTIONAL PACKAGES				
Comfort package	–	O	O	O
4zone automatic climate control dual air conditioning system Electrically adjustable door mirrors with memory function 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 Front seats with active climate control Available in conjunction with Black and Nature Brown perforated Nappa leather appointed seat upholstery				
Driver assistance package	O	O	O	O
Adaptive Cruise Control (ACC) with Front Assist and emergency brake function Heated, multi-function leather steering wheel Lane Assist, lane departure warning system Proactive occupant protection system Side Assist, lane changing assistant				
Sports interior package	–	O	O	O
Aluminum finish brake and accelerator pedals Aluminium finish door sill scuff plates Black headlining Brushed aluminium decorative inserts in dashboard ,console and doors Gearshift paddles, mounted behind steering wheel Dark tinted rear side and rear window glass, 65% light absorbing Heated, multi-function leather steering wheel Available in conjunction with Black Nappa leather appointed seat upholstery				

VOLKSWAGEN TOUAREG Features and Specifications

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TECHNICAL SPECIFICATIONS

	150TDI	V6 TDI	V6 TDI 4XMOTION	V6 FSI
Engine	3.0 litre V6 TDI BlueMotion Technology	3.0 litre V6 TDI BlueMotion Technology	3.0 litre V6 TDI BlueMotion Technology	3.6 litre V6 FSI BlueMotion Technology
Type	6 cyl 'V' turbo diesel with engine Start/Stop system*	6 cyl 'V' turbo diesel with engine Start/Stop system*	6 cyl 'V' turbo diesel with engine Start/Stop system*	6 cyl 'V' petrol with engine Start/Stop system*
Installation	Front longitudinal	Front longitudinal	Front longitudinal	Front longitudinal
Cubic capacity, litres/cc	3.0/2967	3.0/2967	3.0/2967	3.6/3597
Bore/stroke, mm	83.0/91.4	83.0/91.4	83.0/91.4	89.0/96.4
Max power, kW @ rpm	150 @ 4000	176 @ 4000	176 @ 4000	206 @ 6200
Max torque, Nm @ rpm	400 @ 2000	550 @ 2000	550 @ 2000	360 @ 3000-4000
Compression ratio	17.0:1	16.8:1	16.8:1	12.0:1
Fuel system	Bosch Common rail	Bosch Common rail	Bosch Common rail	Bosch
Ignition system	Compression	Compression	Compression	Electronic
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	3-way catalytic converter, lambda probes
Emission Level ^	Euro 5	Euro 5	Euro 5	Euro 5
Fuel type (Recommended)	Diesel 51CZ	Diesel 51CZ	Diesel 51CZ	Premium unleaded 95 RON minimum
Transmission	4MOTION all-wheel-drive	4MOTION all-wheel-drive	4XMOTION four-wheel-drive, with low range gear reduction	4MOTION all-wheel-drive
Gearbox	8 speed automatic transmission with Tiptronic function and sports mode			
Performance #				
0 – 100 km/h	9.0	7.8	TBC	7.8
Fuel Consumption **				
Combined, L/100km	7.6	7.6	7.7	10.1
Urban, L/100km	8.7	9.0	9.0	13.4
Extra Urban, L/100km	6.9	6.7	6.7	8.2
CO ₂ emission g/km	201	201	202	240
Fuel tank capacity litres	85	85 (100)	100	85 (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 Comfort Package.

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Running Gear		3.0 litre V6 TDI BlueMotion Technology	3.0 litre V6 TDI BlueMotion Technology	3.0 litre V6 TDI BlueMotion Technology	3.6 litre V6 FSI BlueMotion Technology
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 Rear	Ventilated discs 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		Optional V6 TDI, V6 TDI 4XMOTION and V6 FSI 3 damper settings: Automatic, Sport [^] & Comfort Variable ride height: Loading level 147mm Road level 197mm Off-road level 247mm Extra level 300mm [^] Suspension height is automatically reduced to 172mm.			
Weights					
Tare Weight Kg		2164	2164	2222	2097
Towing Capacity kg					
	Braked Unbraked	3500 750	3500 750	3500 750	3500 750
Towbar load limit kg		280	280	280	280
Max. roof load kg		100	100	100	100
Exterior Dimensions					
Overall length mm		4898	4898	4898	4898
Width mm		1965	1965	1965	1965
Height mm #		1732	1732	1742	1732
Wheelbase mm		2904	2904	2904	2904
Track mm	Front Rear	1656 1676	1656 1676	1656 1676	1656 1676
Luggage Area Dimensions					
Luggage area volume L Rear seat upright Rear seat folded		580 1642	580 1642	580 1642	580 1642
Luggage area floor length mm Rear seat upright Rear seat folded		974 1814	974 1814	974 1814	974 1814
Luggage area height, mm		866	866	866	866
Luggage area width, mm Minimum Maximum		1158 1350	1158 1350	1158 1350	1158 1350

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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 (45 Degrees 4XMOTION)			
Maximum lateral slope angle	35 Degrees			

VOLKSWAGEN TOUAREG Features and Specifications Model Year 2011 (MY11)	Deep Black PE	Campanella White	Canyon Grey M	Graciosa Brown M	Cool Silver M	Galapagos Anthracite M	Night Blue M
COLOUR COMBINATIONS		EXTERIOR COLOUR					
S = Standard O = Optional Extra A = Volkswagen Genuine Accessory (Dealer fitted) – Not Available							
Please note: Metallic (M) and Pearl Effect (PE) paint are optional at extra cost.							
INTERIOR TRIM							
150TDI							
Titanium Black – Cricket leather appointed seat upholstery	S	S	S	S	S	S	S
Corn Silk Beige – Cricket leather appointed seat upholstery	S	S	S	S	S	S	S
V6 TDI V6 TDI 4XMOTION V6 FSI							
Titanium Black – Nappa leather appointed seat upholstery	S	S	S	S	S	S	S
Nature Brown – Nappa leather appointed seat upholster	S	S	S	S	S	S	S
Corn Silk Beige – Nappa leather appointed seat upholstery	S	S	S	S	S	S	S
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.							
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 and rear differential.							
In normal situations - dry road, even grip, constant engine power – the drive torque is distributed uniformly to the front and rear axles without slip. The four-wheel drive system is distinguished by a 38:62 distribution of power to the front and rear axles through a centre differential. A four-wheel EDL (Electronic Differential Lock via braking) also supports this adjusted power distribution. To improve tractability further both centre and rear differentials can be locked via the centre console dials.							
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 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. ACC will reactivate automatically if the traffic moves within 2 seconds, otherwise the driver can reactivate the system by tapping 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.							

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GLOSSARY

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.

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.

Front Assist with emergency brake function*

The Front Assist ambient traffic monitoring system uses radar sensors 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 radars 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.

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GLOSSARY (CONT'D)

Front Assist with emergency brake function* (Cont'd)

If the situation escalates, the emergency brake function provides automatic braking and or boosting of the drivers braking force up to maximum braking.

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.

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.

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

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