

VOLKSWAGEN TIGUAN Features and specifications	110TSI Trendline	110TSI Comfortline	132TSI Comfortline	110TDI Comfortline	
SAFETY AND SECURITY					
S = Standard O = Optional Extra P = Available as part of an optional package A = Volkswagen Genuine	Accessory (De	aler fitte	ed) – No	ot Availa	ble
Airbags					
Driver and front passenger airbags Driver's knee airbag Driver and front passenger side airbags Curtain airbags, front and rear	S S S	S S S	\$ \$ \$ \$	S S S	
Anti-theft					
Electronic engine immobiliser	S	S	S	S	
Body					
Fully galvanised body with 12 year anti-corrosion perforation warranty Door side impact protection Rigid safety cell with front and rear crumple zones	S S S	S S S	S S S	S S S	
Bonnet					
Active bonnet, pedestrian protection	S	S	S	S	
Brakes					
Automatic flashing brake lights activated in emergency braking situation Anti-lock Braking System (ABS) Brake Assist Electronic Brake-pressure Distribution (EBD) Electro-mechanical parking brake Auto hold function Multi-collision brake	S   S   S   S   S	S S S S S	S S S S	S S S S S	
Child restraints					
Child seat top tether anchorage points, mounted on rear seat back (3) ISOFIX child seat anchorage points, outer rear seats	S S	S S	S S	S S	
Entry/warning reflectors in front and rear doors	S	S	S	S	
First aid kit	А	Α	А	Α	
Head restraints					
Front safety optimised head restraints, height adjustable Front safety optimised head restraints, longitudinal and height adjustable Rear head restraints height adjustable (3)	S - S	- S S	- S S	- S S	
Lighting					
Daytime driving lights, halogen integrated in headlight housing Daytime driving lights, LED integrated in headlight housing Front fog lamps with static cornering lights, mounted in lower bumper Rear fog lamp Rear registration plate light, LED Rear tail lights, LED Rear tail lights, Premium LED	S - S S	S - S S S	S - S S S	S - S S S	
Locking					
Remote central locking Keyless Access, keyless entry and starting system including starter button 2 stage unlocking (programmable) Automatic locking after take-off (programmable) One touch lock / unlock for driver Child safety locks on rear doors Fuel filler flap lock/unlock by remote, push to open	S - S S S S	S P S S S	S P S S S	S P S S S	



VOLKSWAGEN TIGUAN Features and specifications	110TSI Trendline	110TSI Comfortline	132TSI Comfortline	110TDI Comfortline	
SAFETY AND SECURITY (CONT'D)					
S = Standard O = Optional Extra P = Available as part of an optional package A = Volkswagen Genuine Acce	ssory (De	aler fitte	ed) – N	ot Availa	ble
Seat belts					
Front height adjustable with pre-tensioners and belt force limiters Outer rear seat belts with pre-tensioners and belt force limiters Visual and acoustic warning for driver and front seat passenger seat belts not fastened Visual indicator for rear seat passenger seat belt status 3 point seat belts for all passengers	S S S S	S S S S	S S S S	S S S S	
Traction Control					
Anti-Slip Regulation (ASR)  Electronic Differential Lock (EDL)  Electronic Stabilisation Program (ESP)  Extended Electronic Differential Lock (XDL)  4MOTION Active Control all-wheel drive	S S S	S S S	S S S S	S S S S	
EXTERIOR EQUIPMENT / STYLING					
Body enhancements					
Body coloured bumper bars, exterior mirrors and door handles Black grain effect protective trim on lower front and rear bumpers, side sills and wheel arches Black trim around window frames Chrome trim around window frames Chrome lower body side mouldings Chrome tailgate protective strip Chrome radiator grille highlights, top and bottom Chrome radiator grille highlight, centre Chrome headlight highlights, top and bottom Lower air intake with chrome highlight Lower air intake with black honeycomb insert Exposed exhaust tail pipes, left Granite grey centre bumper trim, front and rear	S S S - A S	S S S A S S S S S S S	S S S A S S S S S S S	S S S A S S S S S S	
Paint					
Metallic / Pearl Effect paint finish	0	0	0	0	
Protection					
Stainless steel finish front door sill scuff plates Loading sill protection plate Mudflaps, front Mudflaps, rear Mudflaps are not available in combination with the optional R-line package Slimline weathershields, front and rear	A A A A	A A A A	A A A A	A A A A	
Roof					
Roof rails, black Roof rails, chrome Roof Bars Bicycle, ski, surfboard, snowboard and kayak holders Roof Box Range – 340 and 460 litre volume Urban loader box – 300 to 500 litre volume expandable	S - A A A A	- S A A A	- S A A A	- S A A A	



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EXTERIOR EQUIPMENT / STYLING (CONT'D)					
S = Standard O = Optional Extra P = Available as part of an optional package A = Volkswagen Genuine Acce	ssory (De	aler fitte	d) – No	ot Availa	able
Tinted glass					
Dark red rear tail light clusters Dark tinted rear side window and rear window glass, 65% light absorbing Heat insulating tinted glass	- - S	- - S	- - S	- - S	
Tow bar					
Towbar, horizontal receiver design with 7-pin flat trailer connector and removable tongue	А	А	А	Α	
Wheels					
Alloy wheels (Montana) 17x7" with 215/65 R17 tyres Alloy wheels (Tulsa) 17x7" with 215/65 R17 tyres Alloy wheels (Kingston) 18x7" with 235/55 R18 tyres Alloy wheels (various designs) 18", 19" and 20" Please consult your Volkswagen Dealer for correct wheel and tyre fitment by model Anti-theft wheel bolts Low tyre pressure indicator Weight and space saving spare wheel	S A S S S	- S - A S S	- S - A S S	- S - A S S	
COMFORT AND CONVENIENCE					
Armrest					
Front centre armrest, adjustable with storage box and rear air outlets (2) Rear seat centre armrest with cup holders (2)	S -	S S	S S	S S	
Air conditioning					
Air conditioning, manual control Air conditioning, Air Care 3 zone automatic climate control with air cleaning function, allergen filter and residual heat mode (REST) Air quality and humidity sensor with automatic air recirculation	S -	S S	- S	S S	
Dust and pollen filter	S	S	S	S	L
Cruise control					
Cruise control system including speed limiter (programmable)	S	S	S	S	
Front (2) Rear (2) in rear centre armrest Rear (2) in folding tables on front seat backrests Bottle holders in front door pockets Bottle holders in rear door pockets	S S S	S S S S	S S S S	S S S S	
Driver assistance systems					
Driver Fatigue Detection system Driving profile selection with 4MOTION Active Control Front Assist with City Emergency Brake (City EB) function Lane Assist, lane departure warning system Park Assist, parking bay and parallel parking assistance Parking distance sensors, front and rear with acoustic warning and audio volume level reduction when sensor warning is activated Optical Parking System (OPS) in radio/navigation display	S - S S S S	S - S S S S	S S S S S	S S S S S	
Automatic kerb function when reversing, passenger's side exterior mirror Rear View Camera (RVC Plus) with multi-angle views and dynamic guidance lines	- S	P S	P S	P S	



COMFORT AND CONVENIENCE (CONT'D)  S = Standard O = Optional Extra P = Available as part of an optional package A = Volkswagen Genuine Acces Floor mats				110TDI Comfortline	
Floor mats	sory (De	aler fitte	ed) – N	ot Availa	able
					П
Front and rear, carpet Front and rear, carpet with Tiguan badging Front and rear, rubber with Tiguan embossing	- А А	S - A	S - A	S - A	
Grab handles					
Soft fold away grab handles, front and rear	S	S	S	S	
Headlights					
Coming / leaving home function Combined headlight and fog light switch Halogen twin headlights with daytime driving lights and clear polycarbonate lens Internal headlight range adjustment LED headlights for high and low beam with dynamic and static cornering lights, integrated LED daytime driving lights, automatic self-levelling and headlight cleaning system Low light sensor with automatic headlight function	S S S -	S S S -	S S S -	S S S -	
In car entertainment and technology					$\vdash$
Composition Media audio system  8" colour touch screen display with smartphone style HMI and proximity sensor,  AM/FM radio, CD player and SD card slot for music, compatible with MP3, WMA and  AAC music files, jpeg image viewer, car menu with convenience and service settings,  security coded	S	-	-	-	
Discover Media audio and satellite navigation system 8" colour touch screen display with smartphone style HMI and proximity sensor, AM/FM radio, CD player and 2 x SD card slots for music and navigation data, 2D and 3D (bird's eye) map views, compatible with MP3, WMA and AAC music files, jpeg image viewer, car menu with convenience and service settings, security coded Discover Pro audio and satellite navigation system 8" colour touch screen display with smartphone style HMI and proximity sensor, AM/FM radio, CD player and 2 x SD card slots for music, 10 gigabyte internal storage, 2D and 3D (bird's eye) map views, compatible with MP3, WMA and AAC music files, jpeg image viewer, car menu with convenience and service settings, security coded	- - S	- S	- S	- S	
App-Connect USB interface for Apple CarPlay®, Android Auto™ and MirrorLink® in front centre console					
Audio, telephone, cruise control and Multi-Function Display controls	S	S	S	S	
mounted on steering wheel Auxiliary input audio socket in front centre console Bluetooth® phone connectivity with contacts display, operation via touch screen audio unit or Multi-Function Display and Bluetooth® audio streaming	S S	S S	S S	S S	
Speakers, front and rear (8) USB charge cables, adaptor cables supporting connection to Apple Lightning®,	) A	A	A	A	
Apple® 30 pin and mini USB  Voice operation, telephone and navigation system functions can be operated using voice commands	-	-	_	-	
Instrumentation					
Speedometer & tachometer, electronic odometer and tripmeter, fuel and coolant gauges, time, ambient temperature, seat belt indicators, gearshift position, parking brake indicator, low washer fluid warning, driver assistance system indicators and white illumination	S	S	S	S	



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COMFORT AND CONVENIENCE (CONT'D)					
S = Standard O = Optional Extra P = Available as part of an optional package A = Volkswagen Genuine Acce	ssory (De	aler fitte	d) – No	ot Availa	able
Interior highlights					Γ
Chrome trim on instrument cluster, air vent surrounds and gearshift lever surround Chrome highlight trim on headlight, exterior mirror and power window switches Decorative inlays, "Diamond Silver" to dashboard and front door trims Decorative inlays, "Titanium Silver" to dashboard and front door trims Decorative inlays, "Dark Grid" to dashboard and front door trims Front door sill scuff plates in aluminium finish, illuminated Gearshift knob with leather and aluminium finish	S - S S	S S - S - S	S S - S - S	S S - S - S	
Interior lighting					H
With time delay Front reading lights (2) and rear passenger reading lights (2) Front reading lights (2) and rear passenger reading lights (2) with illuminated buttons, LED Highline models LED ambient lighting in door trim inserts Lighting in driver and front passenger foot well	S S -	S - S	S - S	S - S - S	
Luggage compartment					T
Electrically operated automatic opening and closing of the tailgate with Easy Open and Easy Close functions Load restraining hooks Luggage compartment light Luggage compartment protection: moulded foam liner, robust load liner, plastic tray,	S S A	P S S A	P S S A	P S S A	
reversible velour / rubber mat with loading sill protective flap Luggage cover, removable Luggage floor net Shopping bag hooks Storage dividers in side lining Variable luggage compartment floor level 12 volt socket	S - S S S	S S S S	S S S S	S S S S	
Mirrors					T
Automatic dimming interior rear-view mirror Electrically heated and adjustable exterior mirrors Electrically foldable exterior mirrors with environment lighting and memory function Exterior mirrors with integrated LED turn indicators	S S - S	S S P S	S S P S	S S P S	
Power steering					L
Electro-mechanical, vehicle speed and steering input sensitive  Seating	S	S	S	S	H
Comfort front seats Comfort sport front seats Electric adjustment for driver's seat with 3 position memory function Foldable front passenger seat backrest, serving as a table and load through provision Folding tables on front seat backrests Heated front seats Height adjustment for front seats Lumbar adjustment for driver's seat, electrically adjustable Lumbar adjustment for driver's seat, manually adjustable Lumbar adjustment for front passenger seat, manually adjustable Split folding rear seat backrest (40/20/40) Rear seat backrest with angle adjustment and longitudinally sliding seat base Rear seat centre armrest with cup holders (2)	- - - - S - - - S S	S P P S P S S S S S S	S P P S P S S S S S S S	S P P S S S S S S S	



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COMFORT AND CONVENIENCE (CONT'D)					
S = Standard O = Optional Extra P = Available as part of an optional package A = Volkswagen Genuine Acces	sory (De	aler fitte	d) – No	ot Availa	ble
Steering wheel					
3 spoke leather covered flat bottomed steering wheel Audio, telephone, cruise control and Multi-Function Display controls Gearshift paddles (with DSG) Height and reach adjustable steering wheel	S S - S	S S - S	S S - S	S S - S	
Storage					
Centre console storage compartment under armrest Centre dashboard top compartment with lid Glove compartment with cooling and illumination Tray and 12 volt socket in console Compartment in front roof console for glasses storage Drawer under driver's seat Not fitted in combination with the optional Luxury package Drawer under front passenger seat Driver's side dashboard compartment with lid Front door compartments with bottle holder Front seat backrest storage pockets Net on front passenger's side of centre console Overhead roof console with storage compartments Not fitted in combination with the optional Luxury package or panoramic glass sunroof Rear door compartments with bottle holder	S S S S S S S S S S S S S S S S S S S	S S S S S S S S S S S S S S S S S S S	S S S S S S S S S S S S S S S S S S S	S S S S S S S S S S S S S S S S S S S	
Sunroof		3	3		
Panoramic glass sunroof Electrically slide and tilt adjustable front half section Integrated wind deflector and electrically operated (perforated) sunblind LED ambient lighting along the length of the panoramic sunroof, left and right Please note: The overhead storage compartments are not fitted in combination with this option	-	Р	P	P	
Transmission					
Gearshift recommendation indicator 6 speed manual transmission 6 speed Direct Shift Gearbox (DSG) with sport mode and Tiptronic function 7 speed Direct Shift Gearbox (DSG) with sport mode and Tiptronic function	S S O	S - S -	S - - S	S - - S	
Trip computer					
Multi-Function Display (MFD Plus) Monochrome display - Driving time, trip length, average and current speed, average and current fuel consumption, distance till empty, speed warning function, vehicle status, audio, telephone and convenience menus Multi-Function Display (MFD Premium) Colour display and screen transitions with animations – driving time, trip length, average and current speed, average and current fuel consumption, distance till empty, speed warning function, vehicle status, audio, telephone, navigation and convenience menus	S -	S	S	S	
Upholstery					
Cloth seat upholstery Comfort cloth seat upholstery Vienna leather appointed upholstery Leather appointed seats has a combination of genuine and artificial leather, but are not wholly leather	S - -	- S P	- S P	- S P	
Vanity mirrors					
Driver's and passenger's side vanity mirrors in sun visor with ticket holder Illuminated on driver's and passenger's side	S S	S S	S S	S S	



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COMFORT AND CONVENIENCE (CONT'D)					
S = Standard O = Optional Extra P = Available as part of an optional package A = Volkswagen Genuine Access	sory (De	aler fitte	ed) – N	ot Availa	able
Wipers					
• 2 speed aero wipers with wash/wipe Rain sensor Rear window with wash/wipe and intermittent wipe Warning light for low washer fluid level	S S S	S S S	S S S	S S S	
Windows					
Power front /rear, with roll-back function and one-touch up-down Remote operated convenience close and open feature (programmable) Sunblind for rear side and rear window	S S A	S S A	S S A	S S A	
12V socket					
Centre console, front and rear Luggage compartment	S S	S S	S S	S S	
OPTIONAL PACKAGES					
Driver assistance package	_	0	0	0	
with customisable menus Adaptive Cruise Control (ACC) Area View, front, rear and side cameras to provide 360 degree exterior view Electrically foldable exterior mirrors with environment lighting and automatic kerb function when reversing, passenger's side (standard Highline) Side Assist, lane changing assistant Rear Traffic Alert					
Luxury package	-	0	0	0	
Comfort sports front seats Vienna leather appointed upholstery Leather appointed seats has a combination of genuine and artificial leather, but are not wholly leather Panoramic glass sunroof  Electrically slide and tilt adjustable front half section Integrated wind deflector and electrically operated (perforated) sunblind LED ambient lighting along the length of the panoramic sunroof, left and right Electric adjustment for driver's seat with 3 position memory function Heated front seats Lumbar adjustment for driver's seat, electrically adjustable Keyless Access, keyless entry and starting system including starter button Electrically operated automatic opening and closing of the tailgate with Easy Open and Easy Close functions					



OLKSWAGEN TIGUAN Features and specifications	110TSI Trendline	110TSI Comfortline	132TSI Comfortline	110TDI Comfortline	
PTIONAL PACKAGES					
= Standard O = Optional Extra P = Available as part of an optional package A = Volkswagen Genuine Accessor	ory (Dea	aler fitte	d) – N	ot Availa	ble
-Line package	-	_	-	-	
daptive chassis control  Illoy wheels (Suzuka) 20x8.5" with 255/40 R20 tyres  lack headlining and pillar trim  arpet floor mats and centre armrest with decorative stitching in Crystal Grey hrome tail pipe trims  recorative inlays, "Black Lead Grey" to dashboard and door trims  resign strip with R-Line logo on the front side panels and front doors  ront bumper in R design with gloss black air intakes  ower body side extensions in body colour with black grained wheel arch extensions  rogressive steering  ear bumper with sports diffuser in gloss black  -Line logo on infotainment start screen  -Line multi-function leather covered sports steering wheel with decorative  stitching in Crystal Grey and R-Line logo  -Line rear spoiler  -Line rear spoiler  tainless steel finish accelerator and brake pedals  tainless steel finish front door sill scuff plates with R-Line logo, illuminated  itennal leather appointed seat upholstery for R-Line with R-Line logo and  decorative stitching in Crystal Grey  eather appointed seats has a combination of genuine and artificial leather,  ut are not wholly leather  lease note: The R-Line package is only available with selected exterior colours.  lease refer to the Colour Combinations section of the specification sheet					



TECHNICAL SPECIFICATION	S				
Model		rendline mfortline^	132TSI Comfortline	110TDI Comfortline	140TDI Highline
Engine	Active ( Manag BlueM	re TSI Cylinder Jement Iotion Jology	2.0 litre TSI BlueMotion Technology	2.0 litre TDI BlueMotion Technology	2.0 litre TDI BlueMotion Technology
Туре			e turbocharged etrol with engine o system*		turbo diesel with 'Stop system*
Installation	Front tra	ansverse	Front transverse	Front transverse	Front transverse
Cubic capacity, litres/cc	1.4/	1395	2.0/1984	2.0/1968	2.0/1968
Bore/stoke, mm	74.5	/80.0	82.5/92.8	81.0/95.5	81.0/95.5
Max power, kW @rpm	110 @50	00-6000	132 @3900-6000	110 @3500-4000	140 @3500-400
Max torque, Nm @rpm	250 @15	00-3500	320 @1500-3940	340 @1750-3000	400 @1900-3300
Compression ratio	10	:01	11.65:1	16.2:1	16.2:1
Fuel System	Direct in	njection	Direct injection	Common rail injection	Common rail injection
Ignition system	Elect	ronic	Electronic	Compression	Compression
Exhaust emission control	conve	erters with	vay catalytic Lambda control; recirculation	with SCR catalyt	recirculation ic converter and culate filter
Fuel type (Recommended)			unleaded minimum		esel N 590
Transmission	6 speed Manual	6 Speed DSG^	7 Speed DSG	7 Speed DSG	7 Speed DSG
Driven wheels	Front wheel drive	Front wheel	4MOTION all-wheel drive	4MOTION all-wheel drive	4MOTION all-wheel drive
Performance#					
0-100 km/h, seconds	9.2	9.2	7.7	9.3	7.9
Fuel Consumption**					
Combined, L/100km	6.0	6.3	7.5	5.9	5.9
Urban, L/100km Extra Urban, L/100km	7.2 5.3	7.6 5.7	9.2 6.5	7.0 5.3	6.7 5.4
CO <sub>2</sub> emission, g/km	138	146	173	155	155
Fuel tank capacity, L	58	58	60	60	60



Model			rendline mfortline^	132TSI Comfortline	110TDI Comfortline	140TDI Highlin		
Running Gear		Active ( Manag Blue)	re TSI Cylinder Jement Iotion Jology	2.0 litre TSI BlueMotion Technology	2.0 litre TDI BlueMotion Technology	2.0 litre TDI BlueMotion Technology		
Suspension	Front Axle Rear Axle			nt, MacPherson struts pendent, four-link wit				
Steering			Electro-	-mechanical power as	sisted rack & pinion s	teering.		
Brake Systems				ystem (ABS) with Elec ectronic Stabilisation F				
Brakes	Front Rear				ed discs scs			
Turning Circle,	m			11	11.5			
Weights		6 speed Manual	6 Speed DSG^	7 Speed DSG	7 Speed DSG	7 Speed DSG		
Tare Mass, kg		1430	1450	1600	1647	1691		
Towbar Capacity^^ kg	Braked≠ Unbraked	1800 750	1800 750	2500 750	2500 750	2500 750		
Towbar Load Li	imit^^ kg	100	100	100	100	100		
Exterior Dimer	nsions							
Overall length,	mm	4486	4486	4486	4486	4486		
Width, mm		1839	1839	1839	1839	1839		
Height, mm		1648	1648	1658	1658	1658		
Wheelbase, mr	n	2681	2681	2681	2681	2681		
Track, mm	Front Rear	1582 1572	1582 1572	1582 1572	1582 1572	1576 1566		
Running Cleara	nce¤, mm	191	191	201	201	201		
Luggage Area	Dimensions#							
Luggage area v - rear seat upri - rear seat fold	ght <sup>+</sup>	615 1655	615 1655	615 1655	615 1655	615 1655		
Luggage area f - rear seat upri - rear seat fold		985 1746	985 1746	985 1746	985 1746	985 1746		
Luggage area v - at narrowest		1004	1004	1004	1004	1004		
Luggage load h - to luggage co		675	675	675	675	675		

The 110TSI Comfortline is available exclusively with the 6 speed DSG transmission.

- Please note figures are sourced from overseas data where equipment levels by model variant may vary.
- Please note towbar capacities are applicable to the Genuine Volkswagen Accessory towbar.
- 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.
- Please note running clearance measurement may vary with wheel size, tyre pressures, tread depth.
- With rear seat in the forward position

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.

Fuel consumption figures according to ADR 81/02 derived from laboratory testing. Factors including but not limited to driving style, road and traffic conditions, environmental influences, vehicle condition and accessories fitted, will in practice in the real world lead to figures which generally differ from those advertised. Advertised figures are meant for comparison amongst vehicles only.



VOLKSWAGEN TIGUAN Features and specifications	Pure White	Habanero Orange M	Indium Grey M	Tungsten Silver M	Caribbean Blue M	Ruby Red M	Deep Black PE
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COLOUR COMBINATIONS	EXTERIOR COLOUR						
S = Standard O = Optional Extra - Not Available							
INTERIOR TRIM							
Trendline							
Black cloth seat upholstery	S	S	S	S	S	S	S
Comfortline							
Black comfort cloth seat upholstery	S	S	S	S	S	S	S
Black Vienna leather appointed seat upholstery*^	0	0	0	0	0	0	0
Highline							
Black Vienna leather appointed seat upholstery*	S	S	S	S	S	S	S
Black R-Line Vienna leather appointed seat upholstery*^	0	-	0	0	-	-	0

- Leather appointed seats has a combination of genuine and artificial leather, but are not wholly leather
- Part of an optional package

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

## GLOSSARY

# 4MOTION all-wheel drive\*

An all wheel drive system that provides the best possible traction at all road speeds, in all weather and road conditions. An electronically controlled multi-plate clutch directs torque to the axle with the best traction.

When operating under a relatively low load or when coasting, power is primarily distributed to the front axle, thus saving fuel. However, the rear axle can be variably engaged in fractions of a second whenever necessary, even before any wheel starts to slip and therefore reducing the potential for a loss of traction. The wheels of the Tiguan are prevented from spinning even when driving off and accelerating.

Activation of the multi-plate clutch is based primarily on the engine torque demanded by the driver. In parallel, a system within the all-wheel drive control unit evaluates such parameters as wheel speeds and steering angle.

# Adaptive Chassis Control\*

The electrically controlled dampers of adaptive chassis control constantly adjust to the road conditions, the driving situation and driver's requirements. Selected via and integrated within the functionality of the Driving Profile Selection, the driver can choose between three damper settings – Normal, Comfort and Sport.

Starting from the normal setting, the driver can change the basic character of the car towards sporty or more comfort-oriented driving. In each setting, the adaptive chassis control adjusts the damping to the particular driving situation (up to 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.

# Adaptive Cruise Control (ACC)\*

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

If the Tiguan 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 Tiguan then accelerates up to the pre-set 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 in vehicles equipped with a DSG transmission. ACC can be reactivated automatically by depressing the accelerator pedal.

The dynamics of the ACC system can by individually varied by selecting one of the driving programs from the driver profile selector.

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



#### **GLOSSARY CONT'D**

### 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 is a traction control system that prevents the wheels from spinning under acceleration by reducing engine torque.

#### **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.

#### Rrake 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 clutches.

The benefit of 2 gear sets and 2 clutches is that one gear set and clutch is engaged driving the vehicle with the second disengaged 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.

### Driving Profile Selection with 4MOTION Active Control^

Driving profile selection provides the driver with a wide-ranging choice of settings that can be made to the vehicle according to the driver's preferences. The driver has the option of choosing between the following driving profiles: Normal, Sport, Eco, Comfort (with optional R-Line) and Individual. The Normal profile offers a comfortable but dynamic driving style. Sport provides faster response of the accelerator pedal, sportier damping and steering, while the DSG switches to Sport mode. Eco mode has been designed to enhance fuel efficiency by including coasting function and by adapting engine performance, earlier gearshift points and consumption-optimised control of the air conditioning system. Comfort mode offers a more relaxed and comfortable driving experience, primarily through the softer suspension setting of the adaptive chassis control. The Individual setting allows the driver to separately set various parameters including steering, engine, Adaptive Cruise Control (ACC) and air conditioning.

4MOTION Active Control provides for the convenient selection of on-road and off-road driving profiles for model equipped with 4MOTION by means of a rotary dial. Rotating the dial selects one of four special all-wheel drive modes: Snow, On-road, Off-road (automatic configuration of the off-road parameters) and Off-road individual (variable settings).

# **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 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 attentiveness. 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.

### 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.



#### **GLOSSARY CONT'D**

### 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.

### 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 reduces the effects of understeer or oversteer.

#### Extended Electronic Differential Lock (XDL)

XDL is an extension of the Electronic Differential Lock (EDL) function. When cornering, XDL responds to the load relief at the driven wheel/s on the inside of a corner. The ESP hydraulics are used for the XDL to apply pressure to the wheel on the inside of the corner in order to prevent wheel spin. This improves traction and reduces the tendency to understeer. As a direct result of the one-sided and precise braking pressure, cornering is sportier and more accurate.

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

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. Furthermore, an automatic jolt of the brakes warns the driver of the danger. If the driver also fails to react to the warning jolt, Front Assist brakes automatically, helping to avoid a collision or reduce the severity of the accident.

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 attentiveness. The driver is still legally responsible for the vehicle and must monitor the speed and distance in relation to other vehicles.

### 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 on 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 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 Lane Assist system takes corrective steering action. If this is not sufficient the driver is warned about the situation by a steering vibration and is asked to take over the steering. Additionally, if no active steering movements by the driver are recognised for longer than approximately 8 seconds, a message will appear in the Multi-Function Display in conjunction with a warning tone. The corrective steering function can be overridden by the driver at any time and the system does not react if the turn indicator is set before crossing a lane marking.

Lane Assist cannot replace the driver's attentiveness. 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.



#### **GLOSSARY CONT'D**

#### **Park Assist**

The third generation Park Assist system actively helps the driver when entering or reversing into 90° parking bays, as well as reversing into and driving out of parallel parking spaces. The system works by using sensors mounted either side of the front and rear bumpers together with parking distance sensors front and rear. To park, the driver simply presses the Park Assist button to select the type of parking manoeuvre and uses the appropriate indicator as the car slowly passes the potential parking space. Sensors scan the size of the parking space as the car is driven past and the driver is alerted if the parking space is big enough. If there is sufficient space, the driver stops the car, selects the correct gear and lets go of the steering wheel.

Park Assist will alert the driver of the intended path and subsequently the appearance of obstacles 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, if necessary with several moves. The driver can however take over the control of the steering at any time and end the automatic parking procedure.

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.

#### Side Assist with Rear Traffic Alert\*

Side Assist, is a lane change assistant that 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. Rear Traffic Alert warns the driver of approaching traffic at the rear of the car when reversing via an audible warning followed by a visual message in the Optical Parking System (OPS).

Side Assist also works in conjunction with the Lane Assist system. If another vehicle is in the blind spot during a lane change, the dual assist system warns the driver by means of flashing LEDs in the right-hand or left-hand exterior mirror and by vibrations on the steering wheel. It also supports the driver by means of a corrective steering intervention. This procedure occurs regardless of the state of the turn indicators.

Side Assist with Rear Traffic Alert cannot replace the driver's attentiveness. The driver is still legally responsible for the vehicle and must monitor the speed and distance in relation to other vehicles.

\*Optional equipment

^Only available on selected models

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