



Volkswagen

# Polo

## Specifications



# Features and Specifications

<b>Safety and Security</b>	<b>66TSI Trendline</b>	<b>81TSI Comfortline</b>	<b>GTI</b>
<b>Airbags</b>			
Driver and front passenger airbags	S	S	S
Driver and front passenger side airbags	S	S	S
Curtain airbags, front and rear	S	S	S
<b>Anti-theft</b>			
Alarm system with interior monitoring, tilt sensor and SAFELOCK deadlock mechanism	—	—	S
Electronic engine immobiliser	S	S	S
Security coded audio system	S	S	S
Visible Vehicle Identification Number (VIN)	S	S	S
<b>Body</b>			
Door side impact protection	S	S	S
Fully galvanised with 12 year anti-corrosion perforation warranty	S	S	S
Rigid safety cell with front and rear crumple zones	S	S	S
<b>Brakes</b>			
Automatic flashing brake lights activated in emergency braking situation	S	S	S
Anti-lock Braking System (ABS)	S	S	S
Brake Assist	S	S	S
Electronic Brake-pressure Distribution (EBD)	S	S	S
Hill Start Assist (HSA)	S	S	S
Multi-collision brake	S	S	S
<b>Child restraints</b>			
Child seat top tether anchorage points, mounted on rear seat back (3)	S	S	S
ISOFIX child seat anchorage points, outer rear seats	S	S	S
<b>First aid kit</b>			
	A	A	A
<b>Head restraints</b>			
Front safety optimised head restraints, height adjustable	S	S	S
Rear adjustable and removable (3)	S	S	S
<b>Lighting</b>			
Daytime driving lights, halogen light integrated in lower bumper	S	S	S
Front fog lights with static cornering function, mounted in lower bumper	—	—	S
Fog lamp, rear	S	S	S

## Safety and Security (continued)

### Locking

Remote central locking (separate release for luggage compartment)

2 stage unlocking (programmable)

One touch lock/unlock for driver

Child safety locks on rear doors

Fuel filler flap lock/unlock by remote, push to open

### Seat belts

Front height adjustable with pre-tensioners and belt force limiters

Visual and acoustic warning for driver and front seat passenger seat belts not fastened

3 point seat belts for all passengers

### Traction Control

Anti-Slip Regulation (ASR)

Electronic Differential Lock (EDL)

Electronic Stabilisation Program (ESP)

Extended Electronic Differential Lock (XDL)

## 66TSI Trendline

## 81TSI Comfortline

## GTI

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## Exterior Equipment / Styling

### Body enhancements

Body coloured bumper bars, door handles and exterior mirrors

Body coloured lower front spoiler with black aerodynamic louvres

Exposed exhaust tail pipe

Exposed dual chrome exhaust tail pipes

Exterior mirror caps, carbon fibre look

GTI nameplate on radiator grille, front wheel guards and tailgate

Lower air intake and headlights with highlight in chrome

Lower air intake and radiator grille with black honeycomb inserts

Radiator grille highlight in chrome

Radiator grille and headlight housings with red/chrome strip

Rear bumper with black sports diffuser

Rear tailgate trim, chrome

Rear roof edge spoiler

Rear roof spoiler with black aerodynamic extension

Side sill panel extensions in black finish

### Paint

Metallic/Pearl Effect paint

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<b>Exterior Equipment / Styling (continued)</b>	<b>66TSI Trendline</b>	<b>81TSI Comfortline</b>	<b>GTI</b>
<b>Protection</b>			
Bonnet protector	A	A	A
Headlight protectors	A	A	—
Loading sill guard in stainless steel look	A	A	—
Loading sill protection, transparent film	A	A	—
Mudflaps	A	A	—
Slimline weather shields	A	A	A
<b>Roof</b>			
Roof bars	A	A	A
Bicycle, kayak, ski, surfboard and snowboard holders	A	A	A
Luggage box range – 340, 460 and 300 to 500 litre volume expandable Urban loader version	A	A	A
<b>Tinted glass</b>			
Darkened rear tail light clusters	—	—	S
Heat insulating tinted glass	S	S	S
<b>Wheels</b>			
Steel wheels 15x6" with full wheel trims and 185/60 R15 tyres	S	—	—
Alloy wheels (Estrada) 15x6" with 185/60 R15 tyres	—	S	—
Alloy wheels (Parabolica) 17x7½" with 215/40 R17 tyres	—	—	S
Alloy wheels (various designs) 15", 16" and 17" Please consult your Volkswagen Dealer for correct wheel and tyre fitment by model	A	A	A
Anti-theft wheel bolts	A	S	S
Low tyre pressure indicator	—	—	S
Spare wheel, full size steel	S	S	—
Spare wheel, weight and space saving The spare wheel and tyre is speed restricted for the GTI	—	—	S

## Comfort and Convenience

<b>Air conditioning</b>			
Air conditioning, manual control	S	S	—
Air conditioning, automatic climate control	—	—	S
Dust and pollen filter	S	S	S
<b>Armrests</b>			
Front centre armrest with storage compartment, height adjustable	—	S	S
<b>Console</b>			
Centre console with open storage compartment and 12 volt socket	S	S	S
<b>Cruise control</b>	S	S	S

## Comfort and Convenience (continued)

### Cup holder

Front (2)

Rear (1)

Bottle holders in front door pockets

Waste container designed for the cup holder, white

### Driver assistance systems

Rear View Camera (RVC)\* with static guidance lines

Sport Select suspension including Sport Performance Kit

### Floor mats

Front and rear, carpet with red decorative edging

Front and rear, premium textile mats with Polo insignia

Front and rear, rubber mats with Polo insignia

### Grab handles

Soft folding at roof frame (4)

### Headlights

Halogen twin headlights with clear polycarbonate lens

Combined headlight and fog light switch

Coming/leaving home function

Internal headlight range adjustment

Low light sensor with automatic headlight function

### In car entertainment and technology

Composition Media audio system

6.5" 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

App-Connect™ USB interface for Apple CarPlay®, Android Auto™ and MirrorLink® in front centre console

Audio, telephone, cruise control and Multi-Function Display controls mounted on steering wheel

Auxiliary input audio socket

Bluetooth® telephone connectivity and audio streaming with contacts display, operation via touch screen audio unit

Roof mounted antenna

Speakers, front (4) and rear (2)

Voice operation, telephone and navigation system functions can be operated using voice commands

Only compatible with satellite navigation systems

USB charge cables, adaptor cables supporting connection to Apple Lightning®, Apple® 30 pin and mini USB

### Instrumentation

Speedometer and tachometer, electronic odometer and tripmeter, start/stop system status and ambient temperature display, digital clock, low fuel warning light and white adjustable illumination

Digital fuel level indicator and high coolant temperature warning light

Fuel and coolant temperature gauges

Comfort indicator function (1 x touch = 3 x flash)

## 66TSI Trendline

## 81TSI Comfortline

## GTI

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\*Safety technologies are not a substitute for the driver's responsibility of the vehicle. ~App-Connect is compatible for selected apps with the latest smartphone versions of iOS and Android.

S Standard O Optional Extra A Volkswagen Genuine Accessory (Dealer fitted) — Not available

<b>Comfort and Convenience (continued)</b>	<b>66TSI Trendline</b>	<b>81TSI Comfortline</b>	<b>GTI</b>
<b>Interior highlights</b>			
Aluminium finish clutch, accelerator and brake pedals	—	—	S
Black headlining and pillar trim	—	—	S
Black gloss highlights to dashboard surrounding audio, air conditioning controls and air vents	S	—	—
Black gloss inlays to dashboard centre console, air vent and headlight surrounds	—	—	S
Chrome highlights for parking brake lever knob, steering wheel, air vents, instruments, front door trim, air conditioning and light switches	—	S	S
Door sill strips with GTI logo, front and rear	S	S	S
Gearshift knob and handbrake lever handle in leather	—	S	S
Carbon look interior mirror	A	A	—
<b>Interior lighting</b>			
Interior light with time delay	S	S	S
Passenger reading lights, front (2)	S	S	S
Passenger reading lights, rear (1)	—	S	S
<b>Luggage compartment</b>			
Load restraining hooks	S	S	S
Luggage compartment load liner with partitioning elements	A	A	A
Luggage compartment light	S	S	S
Luggage compartment protection: moulded foam liner or durable plastic tray	A	A	A
Luggage cover, removable	S	S	S
Luggage net	A	A	A
Shopping bag hooks	S	S	S
Variable luggage compartment floor level	S	S	—
<b>Mirrors</b>			
Automatic dimming interior rear-view mirror	—	—	S
Electrically heated and adjustable exterior mirrors	S	S	S
Additional interior rear view mirror	A	A	A
LED turn indicators integrated in exterior mirrors	S	S	S
<b>Parking distance sensors, rear</b>	A	A	A
<b>Power steering</b>			
Electro-mechanical, vehicle speed and steering input sensitive	S	S	S
<b>Seating</b>			
Height adjustment for driver's seat	S	S	S
Height adjustment for front passenger's seat	—	S	S
Split folding rear seat backrest and seat base (40/60)	S	S	S
Sports seats with additional side bolstering	—	—	S

## Comfort and Convenience (continued)

### Steering wheel

3 spoke flat bottomed steering wheel

Leather covered steering wheel

Sports steering wheel with brushed aluminium inserts and decorative stitching

Audio, telephone, cruise control and Multi-Function Display controls

Gearshift paddles (with DSG)

Height and reach adjustable

### Storage

Card holder in dashboard

Chillable glove box

Drawers under front seats

Front door pockets

Front seat back storage pockets

Trays (open) in centre console (2)

### Sun visors

Driver and front passenger

### Transmission

Gearshift recommendation indicator

5 speed manual transmission

6 speed manual transmission

7 speed Direct Shift Gearbox (DSG) with Tiptronic function and Sport mode

### Trip Computer

Multi-Function Display (MFD Plus) – trip time, trip length, average and current speed, speed warning, average and current fuel consumption, distance till empty, oil temperature, vehicle status, audio and telephone menus

### Upholstery

Cloth

Comfort cloth

'Clark' sports cloth with red decorative stitching

### Vanity mirrors

Driver's and passenger's side vanity mirrors

Illuminated on driver's and passenger's side

### Windows

Power front and rear, with roll-back function and one-touch up-down

Remote operated convenience close and open feature

Sunblinds for rear side and rear window

## 66TSI Trendline

## 81TSI Comfortline

## GTI

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<b>Comfort and Convenience (continued)</b>	<b>66TSI Trendline</b>	<b>81TSI Comfortline</b>	<b>GTI</b>
<b>Wipers</b>			
2 speed with wash/wipe and intermittent wipe with 4 position delay	S	S	S
Rain sensor	—	—	S
Rear window with wash/wipe and intermittent wipe	S	S	S
<b>12V accessory socket in centre console</b>	S	S	S

## Optional Packages

### Driver assistance package

Discover Media audio and satellite navigation system  
6.5" 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  
Driver Fatigue Detection\* system  
Parking distance sensors, front and rear with Optical Parking System (OPS)  
The card holder in dashboard is removed in combination with this option

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### Driving comfort package

Adaptive Cruise Control (ACC)\*  
Automatic climate control air conditioning  
Automatically dimming interior rear-view mirror  
Coming/leaving home function  
Discover Media audio and satellite navigation system  
6.5" 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  
Driver Fatigue Detection\* system  
Front Assist with City Emergency Brake (City EB) function\*  
Low light sensor with automatic headlight function  
Low tyre pressure indicator  
Rain sensing windscreen wipers  
The card holder in dashboard is removed in combination with this option

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### Luxury package

Alcantara® and leatherette^ combination seat upholstery with individually heated comfort sport front seats  
The GTI sport seats are replaced by comfort sports seats with this upholstery option. ^Leatherette consists wholly of artificial leather.  
LED headlights for high and low beam with integrated LED daytime driving lights, automatic self-levelling, headlight cleaning system and low washer fluid warning  
Panoramic glass sunroof, electrically slide and tilt adjustable with integrated wind deflector and sunblind  
Rear registration plate light, LED  
The card holder in dashboard is removed in combination with this option

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### Sport package

Alloy Wheels (Mirabeau) 17x7" with 215/40 R17 tyres (4)  
Dark tinted rear side window and rear window glass, 65% light absorbing  
Front fog lights with static cornering function, mounted in lower bumper  
Low tyre pressure indicator  
Lowered sports suspension  
The spare wheel/tyre is speed restricted in combination with the Sport package

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\*Safety technologies are not a substitute for the driver's responsibility of the vehicle.



# Technical Specifications

	66TSI Trendline		81TSI Comfortline		GTI	
<b>Engine</b>	<b>1.2 Litre BlueMotion Technology</b>		<b>1.2 Litre BlueMotion Technology</b>		<b>1.8 Litre TSI BlueMotion Technology</b>	
Type	4 cylinder inline turbocharged direct injection petrol with engine Start/Stop system*		4 cylinder inline turbocharged direct injection petrol with engine Start/Stop system*		4 cylinder inline turbocharged direct injection petrol with engine Start/Stop system*	
Installation	Front transverse		Front transverse		Front transverse	
Cubic capacity, litres/cc	1.2 / 1197		1.2 / 1197		1.8 / 1798	
Bore/stroke, mm	71.0 / 75.6		71.0 / 75.6		82.5 / 84.2	
Max power, kW @ rpm	66 @ 4400-5400		81 @ 4600-5600		141 @ 4300-6200 (manual) 141 @ 5400-6200 (DSG)	
Max torque, Nm @ rpm	160 @ 1400-3500		175 @ 1400-4000		320 @ 1450-4200 (manual) 250 @ 1250-5300 (DSG)	
Compression ratio	10.5:1		10.5:1		9.6:1	
Fuel system	Bosch Motronic		Bosch Motronic		Bosch Motronic	
Ignition system	Electronic		Electronic		Electronic	
Exhaust emission control	Exhaust gas recirculation, catalytic converter and lambda probes		Exhaust gas recirculation, catalytic converter and lambda probes		Exhaust gas recirculation, catalytic converter and lambda probes	
Fuel type (recommended)	Premium unleaded 95 RON minimum		Premium unleaded 95 RON minimum		Premium unleaded 95 RON minimum	
<b>Transmission</b>	<b>5 speed manual</b>	<b>7 speed DSG</b>	<b>6 speed manual</b>	<b>7 speed DSG</b>	<b>6 speed manual</b>	<b>7 speed DSG</b>
Driven wheels	Front wheel drive		Front wheel drive		Front wheel drive	
<b>Performance#</b>						
0 – 100 km/h	10.8	10.8	9.3	9.3	6.7	6.7
<b>Fuel consumption **</b>						
Combined, L/100 km	4.8	4.8	4.9	4.8	6.1	5.7
Urban, L/100 km	6.1	5.9	6.2	5.9	7.7	7.3
Extra Urban, L/100 km	4.1	4.2	4.1	4.2	5.2	4.8
CO <sub>2</sub> emission g/km	109	112	113	112	142	132
Fuel tank capacity, litres	45	45	45	45	45	45

\* The Start/Stop system is designed to reduce fuel consumption and CO<sub>2</sub> 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 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.

# Technical Specifications

	66TSI Trendline		81TSI Comfortline		GTI	
<b>Running gear</b>						
Suspension	Independent suspension, MacPherson struts and coil springs					
Front axle	Independent suspension, MacPherson struts and coil springs					
Rear axle	Torsion beam axle, trailing arms, coil springs. Lowered sports suspension (GTI)					
Steering	Electro-mechanical power assisted rack and pinion steering					
Brake systems	Anti-lock Braking System (ABS) with Electronic Brake-pressure Distribution (EBD), Brake Assist and Electronic Stabilisation Program (ESP). Brake energy recuperation					
Brakes	Ventilated discs					
Front	Discs					
Rear	Discs					
Turning circle, m	10.6					
<b>Weights</b>	<b>Man (5 Door)</b>	<b>DSG (5 Door)</b>	<b>Man (5 Door)</b>	<b>DSG (5 Door)</b>	<b>Man (5 Door)</b>	<b>DSG (5 Door)</b>
Tare vehicle weight, kg	1052	1082	1121	1151	1234	1242
<b>Exterior Dimensions</b>						
Overall length, mm	3972	3972	3972	3972	3983	3983
Width, mm	1682	1682	1682	1682	1682	1682
Height, mm	1453	1453	1453	1453	1443	1443
Wheelbase, mm	2470	2470	2470	2470	2470	2470
Track, mm						
Front	1457 <sup>^</sup>	1457 <sup>^</sup>	1457 <sup>^</sup>	1457 <sup>^</sup>	1447	1447
Rear	1450 <sup>^</sup>	1450 <sup>^</sup>	1450 <sup>^</sup>	1450 <sup>^</sup>	1441	1441
<b>Luggage Area Dimensions<sup>#</sup></b>						
Luggage area volume, L						
Rear seat upright	280	280	280	280	204	204
Rear seat folded	952	952	952	952	882	882
Luggage area floor length, mm						
Rear seat upright	699	699	699	699	633	633
Rear seat folded	1371	1371	1371	1371	1341	1341
Luggage area width, mm						
At narrowest point	942	942	942	942	942	942
Luggage load height, mm						
To luggage cover	560	560	560	560	412	412
To roof lining	820	820	820	820	672	672

<sup>#</sup> Please note figures are sourced from overseas data where equipment levels by model variant may vary.

<sup>^</sup> Track based on 185/60/R15 tyres.

# Colour & Upholstery Combinations

Seat Upholstery	Exterior Colours							
	Pure White	Cornflower Blue	Flash Red	Blue Silk Metallic	Sunset Red Metallic	Pepper Grey Metallic	Reflex Silver Metallic	Deep Black Pearl Effect
<b>66TSI Trendline</b>								
Black cloth seat upholstery	S	S	—	—	S	S	S	S
<b>81TSI Comfortline</b>								
Black comfort cloth seat upholstery	S	S	—	—	S	S	S	S
<b>GTI</b>								
'Clark' sports cloth seat upholstery	S	—	S	S	—	—	S	S

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

# Glossary

## 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 Polo 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 Polo 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 in vehicles equipped with a DSG transmission. In vehicles fitted with a manual transmission, the system is automatically deactivated at speeds below 30 km/h and the driver is prompted to take charge by visual and acoustic signals.

The distance to the vehicle in front can be pre-set in the car menu of the Composition Colour audio system and individually varied via the multi-function steering wheel. The status of the ACC system can be viewed in driver assistance systems menu in the Multi-Function Display (MFD Plus).

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.

## 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 driven wheels from spinning under acceleration by reducing engine torque. It is active at speeds above 40 km/h.

## Brake Assist

During emergency braking, Brake Assist aids the driver by increasing the brake pressure automatically to a level exceeding the locking limit. The ABS is thus quickly brought into the operating range, which enables maximum vehicle deceleration to be achieved.

## Direct Shift Gearbox (DSG)

DSG is a manual gearbox in which the gearshifts are controlled electronically. What makes the DSG unique is that it has 2 separate gear sets operated by 2 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.

## 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.

## 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 in forward and reverse and operates up to 40 km/h.

## 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 front wheel on the inside of a corner. The ESP hydraulics are used for the XDL to apply pressure to the wheel on

# Glossary

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.

## 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.

## 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 30 km/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.

## 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.

## Hill Start Assist

Hill Start Assist (HSA) holds the vehicle when the foot brake is released by temporarily locking the brake pressure (for a maximum of 1.5 seconds) to provide comfortable starting-off without rolling back. Hill Start Assist (HSA) operates on inclines greater than 5% and is fitted in combination with manual transmissions and the Direct Shift Gearbox (DSG).

## Sport Select suspension including Sport Performance Kit

The Sport Select suspension system features electronically adjustable dampers. When the driver presses the 'Sport' button (in the upper area of the centre console) an electro-mechanical switching valve in the dampers is activated which alters their tuning from a sporty yet comfort oriented standard setting to the firmer characteristic of a true sports suspension. In addition, the 'Sport Performance Kit' provides the electro-mechanical power steering system with a sportier feel and the accelerator pedal with a faster response. At the same time, the engine note heard inside the vehicle is enhanced due to the sound actuator. Additionally, if equipped with the 7 speed Direct Shift Gearbox (DSG), the transmission changes automatically from D to S (Sport) mode.

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