Volkswagen Polo beats



Features and	I Specifications	
Safety and S	ecurity	Polo beats
Airbags	Driver and front passenger airbags Driver and front passenger side airbags	S
	Curtain airbags, front and rear	S S
Anti-theft	Electronic engine immobiliser	S
	Security coded audio system	S S S
	Visible Vehicle Identification Number (VIN)	S
Body	Door side impact protection	S
	Fully galvanised with 12 year anti-corrosion perforation warranty	S S
D 1	Rigid safety cell with front and rear crumple zones	S
Brakes	Automatic flashing brake lights activated in emergency braking situation	55555
	Anti-lock Braking System (ABS) Brake Assist	3
	Electronic Brake-pressure Distribution (EBD)	S
	Hill Start Assist (HSA)	S
	Multi-collision brake	S
Child restraints	Child seat top tether anchorage points, mounted on rear seat back (3)	S S
	ISOFIX child seat anchorage points, outer rear seats	S
Head restraints	Front safety optimised head restraints, height adjustable	S S
	Rear adjustable and removable (3)	S
Lighting	Daytime driving lights, halogen light integrated in lower bumper Fog lamp, rear	S S
Locking	Remote central locking (separate release for luggage compartment)	\$ \$ \$ \$ \$ \$
-	2 stage unlocking (programmable)	S
	One touch lock / unlock for driver	S
	Child safety locks on rear doors	S
0 (1 - 1(-	Fuel filler flap lock/unlock by remote, push to open	S
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	S S
	3 point seat belts for all passengers	S
Traction	Anti-Slip Regulation (ASR)	S
Control	Electronic Differential Lock (EDL)	S
	Electronic Stabilisation Program (ESP)	S
Exterior Equ	ipment / Styling	
Body	Body coloured bumper bars, door handles and exterior mirrors	S
enhancements	Black/Silver or Red/Silver body side decals (body colour dependant)	S
	beats logo badge on door pillar	S
	Contrasting coloured exterior rear view mirrors (body colour dependant)	S
	Exposed exhaust tail pipe Lower air intake and headlights with highlight in chrome	S
	Radiator grille in gloss black with highlight in chrome	S S S S S S
Paint	Pearl Effect paint	0
Tinted glass	Dark tinted rear tail light clusters	S
	Heat insulating tinted glass	S
Wheels	Alloy wheels (Syenit) black and polished 16x7" with 215/45 R16 tyres	S
	Anti-theft wheel bolts	S
	Tyre mobility set, 12-volt compressor and tyre sealant	S

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Comfort and	Convenience	Polo beats
Armrest	Front centre armrest with storage compartment, height adjustable	S
Air conditioning	Air conditioning, manual control	S
_	Dust and pollen filter	S
Console	Centre console with open storage compartment and 12 volt socket	S
Cruise control	F + (0)	S
Cup holder	Front (2)	S
	Rear (1) Bottle holders in front door pockets	S S S
Driver	Rear View Camera (RVC) with static guidance lines	S
assistance Floor mats	Front and rear, carpet with seam highlight	S
Grab handles	Soft folding at roof frame (4)	S
Headlights	Halogen twin headlights with clear polycarbonate lens	S
oaangino	Combined headlight and fog light switch	\$ \$ \$
	Internal headlight range adjustment	S
In car	Composition Media audio system	S
entertainment and technology	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	S
	Audio, telephone, cruise control and Multi-Function Display controls mounted on steering wheel	S
	Auxiliary input audio socket beats premium sound system, 6 speakers, subwoofer, 8-channel amplifier, 300W total power output	S S
	Infotainment start up screen with beats logo Bluetooth® telephone connectivity and audio streaming with contacts display, operation via touch screen audio unit	S S
	Roof mounted antenna	S
Instrumentation	Speedometer & tachometer, electronic odometer and tripmeter, start/stop system status and ambient temperature display, digital clock, low fuel warning light and white adjustable illumination	S
	Fuel and coolant temperature gauges	S
1.6.2.	Comfort indicator function (1 x touch = 3 x flash)	S
Interior highlights	Chrome highlights for parking brake lever knob, steering wheel, air vents, instruments, front door trim, air conditioning and light switches	S
	Decorative surround in silver to central dashboard controls	S
	Door sill strips with beats logo, front	S
	Door trim in leatherette beats design	S
	Front speaker grille with beats logo Gearshift knob in leather	5
	Seat belts with red decorative stitching	S
Interior lighting	LED ambient lighting in driver and front passenger foot well	S
	Interior light with time delay	S
	Passenger reading lights, front (2) Passenger reading lights, rear (1)	555555555555555555555555555555555555555
Luggage	Load restraining hooks	S
compartment	Luggage compartment light	S
•	Luggage cover, removable	S
	Shopping bag hooks	S
Mirrors	Electrically heated and adjustable exterior mirrors	S
	LED turn indicators integrated in exterior mirrors	S
Power steering	Electro-mechanical, vehicle speed and steering input sensitive	S

Volkswagen Polo beats



Comfort and	Convenience (Cont'd)	Polo beats
Seating	Front comfort sports seats	S
3	Height adjustment for driver's seat	S
	Height adjustment for front passenger's seat	S
	Split folding rear seat backrest and seat base (40/60)	S S S
Steering wheel	3 spoke flat bottomed steering wheel	S
· ·	Leather covered steering wheel	S
	Audio, telephone, cruise control and Multi-Function Display controls	S S
	Height and reach adjustable	S
Storage	Card holder in dashboard	
J	Chillable glove box	S S S S S
	Front door pockets	S
	Front seat back storage pockets	S
	Trays (open) in centre console (2)	
Sun visors	Driver and front passenger	S
Transmission	Gearshift recommendation indicator	S
	6 speed manual transmission	S
	7 speed Direct Shift Gearbox (DSG) with Tiptronic function and Sport mode	0
Trip Computer	Multi-Function Display (MFD Plus) – trip time, trip length, average and	S
	current speed, speed warning, average and current fuel consumption,	
	distance till empty, oil temperature, vehicle status, audio and telephone	
	menus	
Upholstery	Cloth/Alcantara® seat trim combination in beats design	S
Vanity mirrors	Driver's and passenger's side vanity mirrors	S
	Illuminated on driver's and passenger's side	S
Windows	Power front and rear, with roll-back function and one-touch up- down	S
	Remote operated convenience close and open feature	S
Wipers	2 speed with wash/wipe and intermittent wipe with 4 position delay	S
	Rear window with wash/wipe and intermittent wipe	S
12V accessory s	ocket in centre console	S
Optional Pac	kage	
Driving comfort	Adaptive Cruise Control (ACC)	0
package	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	



Technical Specification

	Polo	beats	
Engine		tre TSI	
		Technology	
Type		urbocharged direct	
	injection petrol witl	h engine Start/Stop	
		tem*	
Installation		ansverse	
Cubic capacity, litres / cc	1.2 /	1197	
Bore/stoke, mm	71.0	/ 75.6	
Max power, kW @ rpm	81 @ 46	600-5600	
Max torque, Nm @ rpm	175 @ 1400-4000		
Compression ratio	10.5:1		
Fuel system	Bosch I	Motronic	
Ignition system	Electronic		
Exhaust emission control	Exhaust gas recirculation, catalytic		
	converter and lambda probes		
Fuel type (recommended)	Premium unleaded 95 RON minimum		
Transmission	6 speed manual		
Driven wheels	Front wheel drive		
Performance #			
0 – 100km/h	9.3	9.3	
Fuel consumption **			
Combined, L / 100km	4.9	4.8	
Urban, L/100km	6.2	5.9	
Extra Urban, L/100km	4.1	4.2	
CO ₂ emission g/km	113	112	
Fuel tank capacity, litres	45	45	

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

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.

Running gea	r	
Suspension Font axle		Independent suspension, MacPherson struts and coil springs.
	Rear axle	Torsion beam axle, trailing arms, coil springs.
Steering		Electro-mechanical power assisted rack & pinion steering
Brake systems		Anti-lock Braking System (ABS) with Electronic Brake-pressure Distribution (EBD),
		Brake Assist and Electronic Stabilisation Program (ESP). Brake energy recuperation
Brakes	Front	Ventilated discs
	Rear	Discs
Turning circle, m		10.6

^{*}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.



Technical Specification (cont'd)

Polo	beats

Weights		6 speed manual	7 speed DSG	
Tare vehicle weigh	ht kg	1121	1151	
Exterior Dimensi	ons			
Overall length mm	1	397	2	
Width mm		168	1682	
Height mm		145	3	
Wheelbase mm		247	0	
Track mm	Front	1431^		
	Rear	1444^		
Luggage Area Di	mensions #			
Luggage area	Rear seat upright	280)	
volume L	Rear seat folded	952		
Luggage area	Rear seat upright	699	9	
floor length mm	Rear seat folded	1371		
Luggage area width mm	At narrowest point	942	2	
Luggage load	To luggage cover	560)	
height mm	To roof lining	820)	

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

Colour Combinations

	EXTERIOR COLOUR			
	Pure White / Red Door Mirrors / Red/Silver body side decals	Flash Red / Black Door Mirrors / Black/Silver body side decals	Deep Black PE / Red Door Mirrors / Red/Silver body side decals	
Polo beats				
Ceramique Cloth/Alcantara® upholstery	s	s	S	

Please note Pearl Effect (PE) paint is optional at extra cost.

[^] Track based on 215/45/R16 tyres



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 40km/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.

^{*}Available as part of an optional package for specific models



Glossary (cont'd)

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.

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 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.

^{*}Available as part of an optional package for specific models



Glossary (cont'd)

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).

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