



VOLKSWAGEN BEETLE Specifications / February 2013

SAFETY AND SECURITY

S = Standard O = Optional Extra A = Volkswagen Genuine Accessory (Dealer fitted) – Not Available

Airbags

Driver and front passenger airbags	S
Driver and front passenger side/head airbags	S

Anti-theft

Alarm system with interior monitoring and tilt sensor	O
Electronic engine immobiliser	S

Body

Fully galvanised body with 12 year anti-corrosion perforation warranty	S
Door side impact protection	S
Rigid safety cell with front and rear crumple zones	S

Brakes

Automatic flashing brake lights activated in emergency braking situation	S
Anti-lock Braking System (ABS)	S
Brake Assist	S
Electronic Brake-pressure Distribution (EBD)	S
Hill Start Assist (HSA)	S

Entry/warning reflectors in front doors

S

First aid kit

A

Head restraints

Front safety optimised head restraints, height adjustable	S
Rear head restraints, height adjustable and removable (2)	S

Lighting

Daytime driving lights, halogen light integrated in headlight housing	S
Front fog lights with static cornering light function, mounted in lower bumper	S
Fog lamp, rear	S

Locking

Remote central locking with SAFELOCK deadlock mechanism	S
2 stage unlocking (programmable)	S
Automatic locking after take-off (programmable)	S
One touch lock / unlock for driver	S
Fuel filler flap lock/unlock by central locking, push to open	S
Key cover, 'nickname' lettering (various designs)	A

Luggage cover, removable

S

Seat belts

Front with pre-tensioners and belt force limiters	S
Visual and acoustic warning for driver and front seat passenger seat belts not fastened	S
Visual indication for rear seat passenger seat belts fastened or not fastened	S
3 point seat belts for all passengers (4)	S
Child seat anchor points mounted on back of rear seat (2)	S

Traction Control

Anti-Slip Regulation (ASR)	S
Electronic Differential Lock (EDL)	S
Electronic Stabilisation Program (ESP)	S
Extended Electronic Differential Lock (XDL)	S



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EXTERIOR EQUIPMENT / STYLING

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Body enhancements

Body coloured bumper bars, outer rear view mirrors and door handles	S
Chrome strip on lower edge of side window frames	S
Dual exposed chrome exhaust tail pipes	S
Lower body side moulding with chrome insert	S
Lower front air intake with chrome insert	S
'Nickname' nameplate on tailgate (various designs)	A
Rear bumper with black diffuser	S
Rear hatch spoiler	S
Body decals (various designs)	A
Exhaust tail pipe trim, chrome	A

Paint

Metallic / Pearl Effect paint finish	O
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Protection

Door sill protection, clear film	A
Door sill protection, stainless steel with 'nickname' lettering	A
Loading sill protection, clear film	A
Mudflaps, front & rear	A

Tinted glass

Heat insulating tinted glass	S
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Wheels

Alloy wheels (Rotor) 17x7" with 215/55 R17 tyres	S
Alloy wheels (various designs) 17", 18" and 19"	A
Please consult your Volkswagen Dealer for correct wheel and tyre fitment by model	
Anti-theft wheel bolts	S
Valve caps, Volkswagen logo	A
Weight and space saving spare wheel	S



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COMFORT AND CONVENIENCE

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Armrest

Front centre armrest with storage compartment S

Air conditioning

Air conditioning, dual zone automatic (2 modes) climate control S
 Air quality sensor with automatic air recirculation S
 Dust and pollen filter S

Cruise control

S

Cup holders

Front (2) S
 Rear (1) S

Driver assistance systems

Parking distance sensors, front and rear S
 Optical Parking System (OPS) in radio display S

Floor mats

Front and rear, carpet S
 Front and rear, premium carpet with 'Beetle' lettering A
 Front and rear, rubber A

Grab handles

Soft fold away grab handles, front S
 Assist strap, left and right S

Headlights

Combined headlight and fog light rotary switch S
 Halogen headlights with daytime driving lights and clear polycarbonate lens S
 Headlight-on warning buzzer S

In car entertainment and technology

AM/FM security coded radio (RCD510) with 6 1/2" colour touch screen display, MP3 compatible SD card slot and 6 disc CD changer (in dash) S
 Audio and telephone controls mounted on steering wheel S
 Auxiliary input audio socket in front centre console S
 Bluetooth® phone connectivity with phonebook display and Bluetooth® audio streaming, operation via touch screen audio unit and steering wheel mounted controls S
 Speakers, front and rear (8) S
 Media Device Interface (MDI), fitted in glove compartment and supplied with USB connection cable S
 Media Device Interface (MDI) connection cables for iPod®, mini USB and auxiliary input A
 Please note: iPhone 5 compatibility is not yet available
 Satellite navigation system (RNS510) O
 High-resolution touch screen display in 16:9 format, 2D, topographical and 3D (bird's eye) map views, voice control for navigation, telephone and radio functions, integrated 30 GB hard drive for storing music and navigation data, SD card slot and single DVD drive for the playback of audio CD/MP3

Instrumentation

Speedometer & tachometer, electronic odometer and tripmeter, fuel gauge, service interval display, digital clock, outside temperature display, low fuel and high coolant temperature warning lights, brake pad wear indicator, white adjustable illumination S
 Comfort indicator function (1 x touch = 3 x flash) S



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COMFORT AND CONVENIENCE (CONT'D)

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Interior highlights

Body coloured dashboard fascia and upper door panels	S
Chrome highlights to headlight rotary switch, audio console surround, air vents, front cup holder surround, gear lever surround and interior door grab handles	S
Door sill scuff plates with silver highlights	S
Door sill scuff plates in stainless steel with 'nickname' lettering (various designs)	A
Gearshift knob and handbrake lever in leather	S
Stainless steel pedal set	A

Interior lighting

With time delay	S
Front reading lights (2) with indirect dashboard lighting	S

Luggage compartment

Luggage compartment light	S
Luggage compartment protection, moulded foam	A
Shopping bag hooks	S

Mirrors

Automatic dimming interior rear-view mirror	S
Additional interior rear-view mirror	A
Electrically adjustable and heated exterior mirrors	S
LED turn indicator lights integrated in exterior mirrors	S

Power steering

Electro-mechanical, vehicle speed and steering input sensitive	S
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Seating

Comfort front seats	S
Easy entry front seat backrest release function	S
Height adjustment for front seats	S
Split folding rear seat backrest (50/50)	S

Steering wheel

3 spoke leather rimmed flat bottomed steering wheel with body coloured insert	S
Audio, telephone and Multi-Function Display controls	S
Height and reach adjustable steering wheel	S

Storage

Beetle glove box integrated in dashboard fascia	S
Glove box	S
Tray in centre console	S
Compartment in roof console (not with panoramic glass roof)	S
Driver's side dashboard compartment with lid	S
Front door trays with retaining straps	S
Front seat backrest storage pockets	S
Open tray on top of dashboard (not with Sport Package)	S
Waste container	A

Sunroof

Panoramic glass sunroof Electrically slide and tilt adjustable Integrated wind deflector and sunblind	O
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COMFORT AND CONVENIENCE (CONT'D)

S = Standard O = Optional Extra A = Volkswagen Genuine Accessory (Dealer fitted) – Not Available

Sun visors

Driver and front passenger, with ticket holders

S

Transmission

Gearshift recommendation indicator (manual)

S

6 speed manual transmission

S

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

O

Trip computer

Multi-Function Display (MFD) – driving time, trip length, average and current speed, average and current fuel consumption, distance till empty, speed warning function, vehicle status, audio and navigation (optional) displays

S

Upholstery

Comfort cloth seat upholstery

S

Vienna leather appointed seat upholstery, front sports seats with lumbar adjustment and individually heated

O

Some parts of the leather appointed seat upholstery will contain man made material.

Vanity mirrors

Driver's and passenger's side vanity mirrors with sliding covers

S

Wipers

2 speed aero wipers with wash/wipe

S

Rain sensor

S

Windows

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

S

Remote operated convenience close and open feature

S

12V socket

Centre console, front and rear (2)

S

OPTIONAL PACKAGES

Sport package

O

Alloy wheels (Twister) 18x8" with 235/45 R18 tyres (4)

Dark tinted rear side and rear window glass, 65% light absorbing

Sports instruments on dashboard – boost pressure, oil temperature and stopwatch

Steering wheel gearshift paddles (DSG)

Technology package

O

Bi-xenon headlights for high and low beam with LED daytime driving lights and automatic self-levelling

Electrically foldable exterior mirrors

Keyless Access, keyless entry and starting system including starter button

LED rear number plate light

Low tyre pressure indicator



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TECHNICAL SPECIFICATIONS

Engine	1.4 litre TSI	
Type	4 cylinder inline Twincharger direct injection petrol	
Installation	Front transverse	
Cubic capacity, litres/cc	1.4 / 1390	
Bore/stroke, mm	76.5 / 75.6	
Max power, kW @ rpm	118 kW @ 5800	
Max torque, Nm @ rpm	240 @ 1500 - 4500	
Compression ratio	10:1	
Fuel system	Bosch Motronic	
Ignition system	Electronic	
Exhaust emission control	Exhaust gas recirculation, catalytic converter and lambda probes	
Emission level [^]	EU5 [^]	
Fuel type (Recommended)	Premium unleaded 95 RON minimum	
Transmission	6 Speed Manual	7 Speed DSG
Driven wheels	Front wheel drive	
Performance #		
0 – 100km/h, seconds	8.3	8.3
Fuel consumption*		
Combined, L/100km	6.8	6.4
Urban, L/100km	8.9	7.9
Extra Urban, L/100km	5.5	5.5
CO ₂ emission g/km	158	148
Fuel tank capacity litres	55	55

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

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



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TECHNICAL SPECIFICATIONS CONT'D

Running Gear		1.4 litre TSI	
Suspension	Front axle Rear axle	Independent, MacPherson struts with lower A-arms. Anti-roll bar Torsion beam axle, trailing arms, coil springs. Anti-roll bar	
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)	
Brakes	Front Rear	Ventilated discs Discs	
Turning circle, metres		10.8	
Weights		6 Speed Manual	7 Speed DSG
Tare Mass Kg's		1292	1306
Towing Capacity kg	Braked	1800	
	Unbraked	750	
Towbar load limit		90	
Exterior Dimensions			
Overall length mm		4278	
Width mm		1808	
Height mm		1477	
Wheelbase mm		2524	
Track mm	Front Rear	1578 1544	
Luggage Area Dimensions ^#			
Luggage area volume L			
Rear seat upright		310	
Rear seat folded		905	
Luggage area floor length mm			
Rear seat upright		838	
Rear seat folded		1493	
Luggage area width mm			
At widest point		1146	
At narrowest point		960	
Luggage load height mm			
To luggage cover		546	
To roof lining		813	

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



VOLKSWAGEN BEETLE Specifications / February 2013	Candy White	Tornado Red	Saturn Yellow	Denim Blue	Reflex Silver M	Platinum Grey M	Moon Rock Silver M	Deep Black PE
COLOUR COMBINATIONS	EXTERIOR COLOUR							
S = Standard O = Optional – Not Available								
INTERIOR TRIM								
Black comfort cloth seat upholstery	S	S	S	S	S	S	S	S
Black Vienna leather appointed seat upholstery	O	O	O	O	O	O	O	O
Red / Black Vienna leather appointed seat upholstery	SO	SO	–	–	SO	SO	SO	SO
Please note: Metallic (M) and Pearl Effect (PE) paint are optional at additional cost.								
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-Slip Regulation (ASR)								
ASR is a traction control system that prevents the wheels from spinning under acceleration by reducing engine torque.								
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.								
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 prevents spinning off on a curve due to either understeer or oversteer.								



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GLOSSARY (CONT'D)

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 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.

Hill Start Assist (HSA)

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 both the manual transmission and the Direct Shift Gearbox (DSG).

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