



Volkswagen New Beetle

Specifications





		Miami	TDI	Cabriolet
Safety and Security				
Airbags	Driver and front passenger airbags	S	S	S
	Driver and front passenger side/head airbags	S	S	S
Anti-theft	Electronic engine immobiliser	S	S	S
Body	Fully galvanised with 12 year anti-corrosion perforation warranty	S	S	S
	Door side impact protection	S	S	S
	Rigid safety cell with front and rear crumple zones	S	S	S
	Active roll over protection system	-	-	S
Brakes	Anti-lock Braking System (ABS)	S	S	S
	Electronic Brake-pressure Distribution (EBD)	S	S	S
Child restraint	Child seat anchor points mounted on rear seat (2)	S	S	S
Fog lights	Front fog lights, mounted in lower bumper	O	O	S
	Rear fog lamp	S	S	S
Head restraints	Front safety optimised head restraints, height adjustable	S	S	S
	Integrated rear head restraints (2)	-	-	S
	Rear adjustable and removable (2)	S	S	-
Locking	Remote central locking with deadlock mechanism	S	S	S
	2 stage unlocking (programmable)	S	S	S
	Automatic locking after takeoff (programmable)	S	S	S
	One touch lock / unlock for driver	S	S	S
Luggage cover, removable		S	S	-
Seat belts	Front height adjustable	S	S	-
	Front with pre-tensioners and belt force limiters	S	S	S
	3-point seat belts for all passengers	S	S	S
Traction control	Electronic Stabilisation Program (ESP) with Anti-Slip Regulation (ASR) and Electronic Differential Lock (EDL)	O	S	O
Exterior Equipment / Styling				
Body enhancements	Chrome strip on body waistline	-	-	S
	Body coloured bumper bars, door handles and exterior mirrors	S	S	S
Roof	Electro-hydraulic, 3 layer cloth	-	-	S
Tonneau cover		-	-	S
Wheels	Alloy wheels (San Antonio) 16 x 6½" with 205/55 R16 tyres and anti-theft wheel bolts	-	-	S
	Steel wheels 15 x 6" with 195/65 R15 tyres	S	-	-
	Steel wheels 16 x 6½" with 205/55 R16 tyres	-	S	-
	Full size steel spare wheel	S	S	S
Windows	Heat insulating tinted glass	S	S	S
	Heated glass rear window	S	S	S
Comfort and Convenience				
Air conditioning	Air conditioning, CFC free	S	S	S
	Dust and pollen filter	S	S	S
Armrest	Front centre armrest with integrated storage compartment	S	S	S
Boot opening	Electrically operated via switch in driver's door and key	S	S	S
Carpet mats	Front and rear	S	S	S
Cruise control		-	-	S
Cup holders	Front (2)	S	S	S
Driver and passenger sun visors		S	S	S
Entry/warning light in front doors		S	S	S
Fuel filler flap	Electrically operated via switch on driver's door	S	S	S
Grab handles	Front fold away grab handles	S	S	-
	Glove box	S	S	S



Comfort and Convenience (cont'd)		Miami	TDI	Cabriolet
Headlights	Halogen headlights with clear lightweight polycarbonate lenses	S	S	S
	Headlight-on warning buzzer	S	S	S
	Internal headlight range adjustment	S	S	S
	Combined headlight and fog light switch	S	S	S
In car entertainment	AM/ FM radio, theft deterrent warning light and coding	S	S	S
	Auxiliary input audio socket in dashboard	-	-	S
	CD player with MP3 compatibility	S	S	S
	Speakers, front and rear (6)	S	S	-
	Speakers, front and rear (10)	-	-	S
Instrumentation	Speedometer & tachometer, electronic odometer and tripmeter, service interval display, fuel gauge, low fuel warning light, brake pad wear indicator, blue adjustable illumination	S	S	S
	Roof/windscreen frame mounted digital clock and outside temperature display	S	S	S
Interior lighting	Front mounted in rear-view mirror housing with time delay	S	S	S
	Rear passenger reading lights	S	S	-
Luggage compartment light		S	S	S
Mirrors	Electrically heated and adjustable with integrated indicator lights	S	S	S
Power steering		S	S	S
Seating	Easy entry front seats with height adjustment	S	S	S
	Folding rear seat backrest and seat base	S	S	-
	Rear seat load through provision, lockable	-	-	S
Steering wheel	Height and reach adjustable	S	S	S
	3 spoke steering wheel	S	S	S
	Leather covered steering wheel, gearshift knob and handbrake lever	-	-	S
Storage	Glove box with illumination, lockable	S	S	S
	Front seat backrest storage pockets	S	S	S
	Front door storage nets	S	S	-
	Front door and rear side storage pockets	-	-	S
	Roof mounted storage area (without sunroof)	S	S	-
	Overhead driver sunglasses storage	S	S	-
Upholstery	'Luna' cloth	S	S	S
Vase	With flower	S	S	S
Vanity mirrors	Illuminated on driver's and passenger's side with cover	S	S	S
Windows	Power front with safety roll-back function	S	S	-
	Power front and rear with safety roll-back function	-	-	S
	Driver with one-touch up-down	S	S	S
	Driver with button for simultaneous lowering and closing of all four windows	-	-	S
	Key operated convenience close and open feature	S	S	S
Wipers	2 speed with wash/wipe and intermittent wipe with 4 position delay	S	S	S
12V socket	Centre console	S	S	S
Optional Equipment				
Automatic transmission	6 speed with Tiptronic and Dynamic Selection Program (DSP)	O	-	O
Electric glass sunroof, slide and tilt adjustable with sunblind		O	O	-
Front fog lights, mounted in lower bumper		O	O	S
Leather upholstery	Leather seat upholstery, steering wheel, gearshift knob, handbrake lever, front centre armrest and individually heated front seats	O	O	O
Metallic / Pearl Effect paint		O	O	O
Traction control	Electronic Stabilisation Program (ESP) with Anti-Slip Regulation (ASR) and Electronic Differential Lock (EDL)	O	S	O


Technical Specifications

	New Beetle			New Beetle Cabriolet	
Engine	1.6 litre		1.9 litre TDI	2.0 litre	
Type	4 cyl inline petrol		4 cyl inline turbo diesel	4 cyl inline petrol	
Installation	Front transverse		Front transverse	Front transverse	
Cubic capacity, litres/cc	1.6 / 1595		1.9 / 1896	2.0 / 1984	
Bore/stroke, mm	81.0 / 77.4		79.5 / 95.5	82.5 / 92.8	
Max power, kW @ rpm	75 @ 5600		77 @ 4000	85 @ 5400	
Max torque, Nm @ rpm	148 @ 3800		250 @ 1900	172 @ 3200	
Compression ratio	10.5:1		19.0:1	10.3:1	
Fuel system	Multi-point injection		Bosch EDC with unit injectors (Pumpe Düse)	Multi-point injection	
Ignition system	Electronic		Compression	Electronic	
Exhaust emission control	Catalytic converter, oxygen sensors		Exhaust gas recirculation and oxidising catalytic converter	Catalytic converter, oxygen sensors	
Emission level	EU IV		EU IV	EU IV	
Fuel type (Recommended)	Premium unleaded 95 RON		Diesel 49CN	Premium unleaded 95 RON	
Transmission	Front wheel drive		Front wheel drive	Front wheel drive	
Gearbox	5 speed manual	6 speed automatic	5 speed manual	5 speed manual	6 speed automatic
Performance					
0 – 100km/h	11.6	13.2	11.5	11.7	12.9
Fuel consumption *					
Combined, L / 100km	7.7	8.1	5.5	8.7	9.5
CO ₂ emission g / km	185	194	149	209	228
Fuel tank capacity, litres	55		55	55	
* Fuel consumption figures according to Australian Design Rule (ADR) 81/01. The driving style, road and traffic conditions, environmental influences and vehicle condition can in practice lead to consumption figures which may differ from those calculated with these standards.					
Running gear					
Suspension	Front axle	MacPherson struts, coil springs, anti-roll bar			
	Rear axle	Torsion beam axle, trailing arms, coil springs, anti-roll bar			
Steering	Power assisted rack and pinion steering				
Brake systems	Anti-lock braking system (ABS) with Electronic Brake-pressure Distribution (EBD)				
Brakes	Front	Ventilated discs			
	Rear	Solid discs			
Turning circle, m	10.9				
Weights	1.6 litre		1.9 litre TDI	2.0 litre	
	5 speed manual	6 speed automatic	5 speed manual	5 speed manual	6 speed automatic
Tare vehicle weight kg	1210	1247	1292	1338	1368
Towing capacity kg	Braked	1000	1000	1000	
	Unbraked	600	600	600	
Towbar load limit kg	75		75	75	
Max. roof load kg	50		50	-	



Technical Specifications (cont'd)

	New Beetle	New Beetle Cabriolet
Exterior Dimensions		
Overall length mm	4129	4129
Width mm	1721	1721
Height mm	1498	1502
Wheelbase mm	2516	2516
Track mm		
front	1507	1507
rear	1487	1487
Interior Dimensions		
Luggage area	209	201
seat upright		
volume L	527	-
Luggage floor	701	676
seat upright		
length mm	1238	-
seat folded		
Boot width at widest point mm	1101	1017
Width between wheel arches mm	1007	996
Luggage load height mm	738	465

New Beetle Colour Combinations

	EXTERIOR COLOUR					
	Deep Black PE	Laser Blue M	Salsa Red	Sunflower	Gecko Green M	Reflex Silver M
INTERIOR TRIM						
Black – ‘Luna’ Cloth	S	S	S	S	S	S
Beige – ‘Luna’ Cloth	S	S	S	.	S	.
Black – Leather	O	O	O	O	O	O
Beige – Leather	O	O	O	.	O	.
Red – Leather	O	.	.	.	.	O

New Beetle Cabriolet Colour Combinations

	EXTERIOR COLOUR						
	Deep Black PE	Sunflower	Salsa Red	Gecko Green M	Harvest Moon	Shadow Blue M	Reflex Silver M
INTERIOR TRIM / BLACK CLOTH ROOF							
Black – ‘Luna’ Cloth	S	S	S	S	S	S	S
Beige – ‘Luna’ Cloth	S	.	.	.	S	S	.
Black – Leather	O	O	O	O	O	O	O
Beige – Leather	O	.	.	O	O	O	.
Red – Leather	O	.	.	.	.	.	O

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

S = Standard O = Optional - Not available



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 switchable traction control system that prevents the wheels from spinning under acceleration by reducing engine torque. It is active at speeds above 40km/h.

Electronic 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 40km/h.

Electronic Stabilisation Program (ESP)

ABS, EDL and ASR traction control systems are integrated into the Electronic Stabilisation Program (ESP). In short, ESP helps ensure that the vehicle goes where you steer it even in extreme driving conditions. The ESP system constantly compares the actual movement of the vehicle with pre-determined values and should a situation arise where the vehicle starts to skid, ESP will apply the brakes to individual wheels and automatically adjust the engine's power output to correct the problem. ESP prevents the vehicle from losing control when trying to avoid an accident, for example. It also prevents spinning off on a curve due to either understeer or oversteer.

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