



VOLKSWAGEN GOLF R32 – Specifications / July 2006

Safety and Security	
Airbags	Driver and front passenger airbags Driver and front passenger side airbags Curtain airbags, front and rear
Anti-theft	Electronic engine immobiliser Alarm system with interior monitoring and tilt sensor
Body	Fully galvanised body with 12 year anti-corrosion perforation warranty Door side impact protection Rigid safety cell with front and rear crumple zones
Brakes	Anti-lock Braking System (ABS) Electronic Brake-pressure Distribution (EBD) Brake Assist Blue brake callipers
Child restraint	3 child seat anchor points mounted on back of rear seat
Fog light	Rear fog lamp
Head restraints	Front head restraints, height adjustable Rear head restraints height adjustable (3)
Locking	Remote central locking with deadlock mechanism 2 stage unlocking (programmable) Automatic locking after takeoff (programmable) Automatic unlocking after removing key from ignition (programmable) One touch lock / unlock for driver Child safety locks on rear doors (5 Door)
Luggage cover, removable	
Seat belts	Front height adjustable with pre-tensioners and belt force limiters 3 point seat belts for all passengers
Traction Control	Anti-Slip Regulation (ASR) Electronic Stabilisation Program (ESP) 4MOTION all wheel drive
Exterior Equipment / Styling	
Body Enhancements	R32 badges on radiator grille and tailgate Chrome radiator grille highlights Front lower air intake with black grille inserts Radiator grille surround in brushed aluminium finish Rear roof spoiler Unique rear bumper with centrally mounted dual chrome exhaust tail pipes Widened side sill panels
Colour coding	Bumper bars Bumper and side moulding strips Door handles Outer rear view mirrors
Tinted Glass	Darkened rear tail light clusters Heat insulating tinted glass
Wheels	Alloy wheels (Zolder) 18 x 7½" with 225/40 R18 tyres and anti-theft wheel bolts Low tyre pressure indicator Weight and space saving spare wheel



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Comfort and Convenience	
Armrest	Front centre armrest with storage box, 2 rear air outlets and 2 rear cup holders Rear seat centre armrest with load through provision
Air conditioning	Dual zone electronic climate control, CFC free Dust and pollen filter
Automatic dimming	rear-view mirror
Carpet mats	Front and rear
Cruise control	
Cup holders	Front x 2, with bottle opener Rear x 2 One litre bottle holders in front door pockets
Entry/warning reflectors	in front and rear (5 Door) doors
Fuel filler flap	Electrically operated via switch on drivers door
Grab handles	Soft fold away grab handles, front and rear
Headlights	Bi-Xenon headlights for high/low beams with clear lightweight polycarbonate lenses Automatic self levelling and headlight cleaning system Headlight-on warning buzzer Low light sensor with automatic headlight function Coming / leaving home function Combined headlight and fog light switch
In Car Entertainment	AM/FM stereo with security coding Audio functions mounted on steering wheel Volkswagen sound package – 8 channel 250W amplifier with 10 speakers 6 disc CD changer, mounted in-dash
Instrumentation	Unique speedometer & tachometer, electronic odometer and tripmeter, service interval display, digital clock, fuel & coolant gauges, low fuel & washer fluid warning lights, brake pad wear indicator and white/blue adjustable illumination
Interior highlights	Aluminium/leather gear knob, leather gaiter and handbrake grip Aluminium pedals with 'R' flags 'Engine Spin' aluminium inserts in dashboard, centre console and doors Silver trim on instrument dials
Interior lighting	With time delay Foot well illumination, driver and front passenger Front reading lights (2) with chrome trim Rear passenger reading lights (2)
Luggage compartment	Chrome plated load restraining hooks (2) Luggage compartment light Luggage net under luggage cover Shopping bag hooks Storage box in side lining 12 volt socket
Mirrors	Electrically heated and adjustable LED turn indicators integrated in exterior mirrors
Paint	Metallic or Pearl Effect paint finish
Power steering	Electro-mechanical, vehicle speed and steering input sensitive
Seating	Easy entry front seat backrest release function (3 Door) Electric lumbar adjustment for front seats Front R32 sports seats with additional side bolstering and embossed 'R' logo Height adjustment for front seats Individually heated front seats Split folding rear seat backrest (60/40) with load through provision and centre armrest
Steering wheel	3 spoke leather rimmed flat bottomed steering wheel with aluminium 'R' logo insert Audio and trip computer functions Gear shift paddles (DSG) Height and reach adjustable steering wheel



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Comfort and Convenience (cont'd)	
Storage	Chillable glove box with illumination and lockable Centre console storage compartment Coin tray and 12 volt socket in console Front seat backrest storage pockets Front door pockets with one litre bottle holders Lower dashboard storage compartment with lid Sunglass compartment in roof console
Trip Computer	Multi-function trip computer – trip time, trip length, average speed, average and current fuel consumption, distance till empty, speed warning & outside temperature
Upholstery	Vienna leather
Vanity mirrors	With covers and illuminated on driver's and passenger's side
Wipers	2 speed aero wipers with wash/wipe Rain sensor Rear window with wash/wipe and intermittent wipe
Windows	Power front / rear (5 Door), with roll-back function, driver with one-touch up-down Remote operated convenience close and open feature
12V socket	Centre console Luggage compartment
Optional Equipment	
Automatic Transmission, 6 speed Direct Shift Gearbox (DSG)	
Recaro front seats in Vienna leather with embossed 'R' logo, heating and height adjustment ^	
Electric glass sunroof, slide and tilt adjustable with sunblind	
Electrically operated drivers seat #	
Parking distance sensors, rear	
Satellite navigation system with 6½" colour map screen and audible driving recommendations, large format multi-function instrument display, 6 disc CD changer mounted in centre console and 10 speakers +	
Walnut wood interior inserts in dashboard, centre console and doors	
<p>Please note:</p> <p>^The Recaro bucket front seats are not equipped with front side airbags, lumbar adjustment or seat back pockets. #The electrically operated driver's seat is not available with 3 Door models or in conjunction with the Recaro bucket front seats. +The satellite navigation system is not equipped with the Volkswagen sound package.</p>	



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Technical Specifications		
Engine	3.2 litre V6	
Type	6 cylinder 'V' configuration petrol	
Installation	Front transverse	
Cubic capacity, litres/cc	3.2 / 3189	
Bore/stroke, mm	84.0 / 95.9	
Valves	4 valves per cylinder	
Camshafts	Dual overhead camshafts	
Max power, kW @ rpm	184 @ 6300	
Max torque, Nm @ rpm	320 @ 2500 – 3000	
Compression ratio	10.85:1	
Fuel system	Bosch ME7.1.1 electronic multi-point injection system	
Ignition system	Electronic ignition	
Exhaust emission control	3-way catalytic converter with lambda probe	
Emission level	EU IV	
Fuel type (Recommended)	Premium unleaded 98 RON	
Transmission	4MOTION all wheel drive	
Gearbox	6 speed manual	6 speed Direct Shift Gearbox (DSG)
Type of clutch	Single plate dry clutch	Two electro-hydraulically operated multi-disc oil bath clutches
Performance		
0 – 100 km/h, seconds	6.5	6.2
Top speed, km/h	250	248
Fuel Consumption *		
Combined, L/100km	10.8	9.8
CO ₂ emission g/km	269	235
Fuel tank capacity litres	60	60



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Technical Specifications (cont'd)			
Engine		3.2 litre V6	
Running Gear			
Suspension	Front Axle	Independent, McPherson struts with lower A-arms. Anti-roll bar. Sports Suspension lowered 20mm.	
	Rear Axle	Independent, four-link with coil springs. Anti-roll bar. Sports Suspension lowered 20mm.	
Steering		Electro-mechanical power assisted rack & pinion steering	
Brake Systems		Anti-lock Braking System (ABS) with Electronic Brake-pressure Distribution (EBD) and Brake Assist	
Brakes	Front	Ventilated discs 345mm diameter	
	Rear	Ventilated discs 310mm diameter	
Traction control		Anti-Slip Regulation (ASR), Electronic Stabilisation Program (ESP) and 4MOTION all wheel drive	
Turning Circle m		10.9	
Weights ^		6 speed manual	6 speed Direct Shift Gearbox (DSG)
Tare weight kg		1510 (1530)	1510 (1530)
Exterior Dimensions			
Overall length mm		4246	
Width mm		1759	
Height mm		1465	
Wheelbase mm		2578	
Track mm	Front	1533	
	Rear	1515	
Interior Dimensions ^			
Headroom mm	Front	987	
	Rear	979	
Elbow room mm	Front	1448 (1446)	
	Rear	1479 (1437)	
Luggage area volume L	Rear seat upright	275	
	Rear seat folded	1230	
Luggage area floor length mm	Rear seat upright	786	
	Rear seat folded	1560	
Luggage area opening width mm		1227	
Width between wheel arches mm		1006	
Luggage load height mm	To luggage cover	456	
	To roof lining	827	

^ (Figures in brackets relate to 5 Door models)



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Colour Combinations				
Standard ● Special Order ○	EXTERIOR COLOUR			
INTERIOR TRIM	Deep Blue PE	Black Magic PE	Reflex Silver M	United Grey M
Anthracite leather	●	●	●	●
Pure Beige leather #+	○	○	-	○

Only available in conjunction with walnut wood interior trim
 + Not available with Recaro front seats



Glossary

4MOTION

An all-wheel-drive system that provides the best possible traction at all road speeds, in all weather and road conditions. An electronic Haldex clutch responds to traction losses at the front and rear axles and directs torque to the axle with the best traction.

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 improves driving and steering characteristics by preventing the front wheels from spinning under acceleration. 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 automatically reduces engine torque. ASR is a switchable traction control system.

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



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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.