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## Specifications: 2003 Audi B6 S4

Engine	Audi S4 Sedan	Audi S4 Avant
Engine type	V8 spark-ignition engine, two-stage variable intake manifold, DOHC, five valves per cylinder (three inlet, two exhaust)	
Valve gear	Intake camshaft adjustment, roller cam followers with hydraulic adjustment	
Displacement (mm)	4163	
Bore x stroke (mm)	84.5 x 92.8	
Compression ratio	11.0	
Max. power output in kW (bhp) / at rpm	253 (344) / 7000	
Max. torque in Nm / at rpm	410 / 3500	
Engine management	Motronic: fully electronic sequential injection, hot-film air mass measurement, drive-by-wire throttle control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control using four sensors	
Exhaust emission control	Two close-coupled primary and two underfloor main catalytic converters; adaptive lambda control with two heated oxygen sensors before and two after the converter	
Emission category	EU4	
Alternator (A)	190	
Battery (A/Ah)	4590 / 95	

## Driveline

Layout	Permanent four-wheel drive with Torsen centre differential, ESP
Clutch	Single-plate dry clutch; dual-mass flywheel
Transmission	6-speed manual gearbox
Gear Ratios	
1st	3.667
2nd	2.05
3rd	1.462
4th	1.133
5th	0.919
6th	0.778
Reverse	3.333
Final Drive	3.889

## Suspension, brakes and steering

Front suspension	Four-link front suspension, upper and lower wishbones, tubular anti-roll bar
Rear suspension	Independent-wheel, trapezoidal-link rear suspension, anti-roll bar
Steering	Maintenance-free rack-and-pinion steering with power assistance
Steering ratio	14.5
Turning circle (m)	11.5
Brake system	Dual-circuit brake system with diagonal split, ABS/EBD and ESP, tandem brake booster, front and rear: ventilated discs
Wheels	8 J x 18 cast aluminium wheels
Tyres	235/40 R 18 Y tyres

Performance	S4	S4 Avant
Maximum speed (km/h)	250 (governed)	
Acceleration 0-100 km/h (s)	5.6	5.8

Fuel consumption	S4	S4 Avant
Fuel grade	Super unleaded, 98 RON	
Fuel consumption		
Urban (l/100 km)	19.5	19.6
Extra urban (l/100 km)	9.8	9.8
Overall (l/100 km)	13.3	13.4
CO <sub>2</sub> mass emission (g/100 km)	321	322

## Acoustics

Standing noise level in dB	87
Drive-past exterior noise level in dB	74

Weights/loads	S4	S4 Avant
Unladen weight (excl. driver, kg)	1660	1720
Gross weight limit (kg)	2210	2270
Axle load limit at front (kg)	1230	1230
Axle load limit at rear (kg)	1100	1150

## Capacities

Cooling system capacity (incl. heating, l)	12.2
Engine oil capacity (incl. filter, l)	10.7
Fuel tank capacity (l)	66

Body dimensions	S4	S4 Avant
Body type	Fully galvanised, unitary steel body; crumple zones in front and rear	
Doors / seats	4 doors with additional side protection / five seats	5 doors with additional side protection / five seats
Drag coefficient	0.30 Cd	0.31 Cd

Body dimensions (cont.)	S4	S4 Avant
Frontal area (A, m <sup>2</sup> )	2.15	2.15
Length (mm)	4575	4575
Width (excl. mirrors, mm)	1781	1781
Height (mm)	1418	1440
Wheelbase (mm)		2651
Track - front (mm)		1516
Track - rear (mm)		1512
Height of loading lip (mm)	674	589
Luggage capacity (VDA block method, l)	445 (with rear seat folded down: 720)	442 (loaded up to roof with rear seat folded down: 1184)

## Safety equipment

Anti-lock Braking System(ABS) with Brake Assist

Airbags for driver and front passenger

Side airbags for driver and front passenger

SIDEGUARD head airbag curtain for front and rear passengers

Electronic Stabilisation Program(ESP) incorporating Anti-lock Braking system(ABS), Electronic Differential Lock(EDL), Anti Slip Regulation(ASR) and Brake Assist

Head restraints and three point seat belts for all 5 seats

Performance braking system, disc brakes with 17" at front and 16" at rear

quattro® all-wheel drive

Safety steering column with tilt and telescopic adjustment

Servotronic, sports-tuned speed sensitive steering

"S" Model sports-suspension

## Exterior features

18" Alloy wheels, Avus design

Acoustic Parking System (APS), rear

Anti-theft alarm

Body shell fully galvanized

Coming home, leaving function for headlights

Exterior mirrors electrically adjustable, heated and in aluminium appearance

Fog lights integrated front and rear

High gloss exterior package for window strip

Light sensor for headlights

Rear spoiler, boot mounted

Remote central locking including car key memory for air conditioning

Security engine immobilizer

Xenon headlights with auto-beam angle adjustment and headlight cleaning system

## Interior features

Additional interior light package

Automatic air conditioning with dual climate control

Automatic dimming rear view mirror

Carbon Fibre interior trim

Centre display with ambient temperature, petrol range and radio/CD frequency

Cruise control

Driver Information System (DIS) with in-car computer, auto check control with colour display unit

Electric windows front and rear

Electric front seats for driver and passenger

Electric lumbar support

Front centre armrest

Recaro sports seats

Alcantara / Leather upholstery (full Silk Nappa leather upholstery available as an option)

Ski bag

Split fold rear seats

Sports steering wheel leather bound with S badge (tiptronic shift steering wheel with S4 tiptronic)

Storage package, containing cup holder in the rear centre armrest, storage net on the back of the front seats, and tray under the front seats

Symphony sound system with 10 loudspeakers

CD Changer

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