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## Technical Specifications: 2001 Audi C5 S6

### Engine and electrics

Engine type	V8 spark-ignition engine, two-stage variable-length air intake, DOHC
Valves	5 valves per cylinder (three inlet, two exhaust)
Valve gear	Variable camshaft timing, roller cam followers with hydraulic compensation
Displacement (cc)	4172
Bore x stroke (mm)	84.5 x 93.0
Compression ratio	11.0:1
Max. power output (kW / at rpm)*	250 / 7000
Max. torque (Nm / at rpm)*	420 / 3400

Engine management	Motronic ME 7.1; fully electronic, sequential injection, co-ordinated engine torque control, hot-film air-mass metering, electronic accelerator, mapped ignition with solid-state high-voltage distribution, cylinder-specific knock control using two sensors, adaptive oxygen sensing
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Exhaust emission control	Two 3-way catalytic converters, two heated oxygen sensors, activated carbon canister
Alternator (A)	150
Battery (A)	450

\*according to 80/1269/EEC

Transmissions and ratios	Manual	Automatic
Gearbox type	6-speed manual	5-speed tiptronic with DSP
Clutch	Single dry plate clutch with asbestos-free facing	Hydraulically operated torque converter with lock-up clutch
Gear ratios		
1st	3.500	3.571
2nd	1.889	2.200
3rd	1.320	1.508
4th	1.034	1.000
5th	0.857	0.803
6th	0.730	-
Reverse	3.455	4.095
Final drive ratio	4.111	3.511

### Suspension and steering

Front suspension	4-link front suspension with sub-frame, upper and lower wishbones, anti-roll bar
Rear suspension	Track-stabilising trapezoidal-link with wishbone, tubular anti-roll bar
Steering	Maintenance-free power-assisted rack-and-pinion steering
Steering ratio	16.2
Turning circle (m)	11.68

## Brakes and wheels

Brake system front/rear	Dual-circuit, diagonally split, ABS/EBD, servo; ventilated discs front and rear; twin-piston calipers
Wheels	Cast aluminium 8 J x 17
Wheels / tyres	255/40 ZR 17

Performance	Manual	Auto
Maximum speed in km/h	250	250
Acceleration 0-100 km/h (s)	5.7	6.7
Fuel grade	Super Plus unleaded, 98 RON	

Fuel consumption	Manual	Auto
Fuel consumption		
Urban (l/100 km <sup>1</sup> )	21.0	21.8
Extra urban (l/100 km <sup>1</sup> )	10.2	10.1
Overall (l/100 km <sup>1</sup> )	14.1	14.3
CO2 mass emission, g/km <sup>1</sup> )	338	343

Weights / loads	Manual	Auto
Unladen weight (kg)	1735	1760
Gross weight limit (kg)	2275	2300
Front axle load limit (kg)	1240	1260
Rear axle load limit (kg)	1175	1175
Trailer load limit (unbraked, kg)	750	750
Trailer load limit at 8% gradient (braked, kg)	2100	2100
Trailer load limit at 12% gradient (braked, kg)	2100	2100
Roof load limit in kg	100	85

## Capacities

Cooling system capacity (incl. heating, l)	11.0
Engine oil capacity (incl. filter, l)	7.5
Fuel tank capacity in l	82

## Body / dimensions

Body type	Load-bearing, fully galvanised, steel, aluminium engine hood and front side panels
Number of doors / seats	4 doors with additional side protection / five seats
Drag coefficient c <sub>D</sub>	0.35 Cd
Frontal area (A, m <sup>2</sup> )	2.2
Length (mm)	4833
Width, excluding mirrors (mm)	1850
Height (mm)	1443
Wheelbase	2759
Front track (mm)	1578
Rear track (mm)	1590
Height of loading lip (mm)	647
Luggage capacity (l, VDA block method)	434

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