

Technical Data – Audi RS 4 Cabriolet

Programme for Germany - Status: March 2008

Model	Audi RS 4 Cabriolet
Engine / electrics	
Engine type	V8 spark-ignition engine, four-valve technology, two light-alloy cylinder heads both with double overhead camshafts (DOHC), two inlet valves, 2 sodium-cooled exhaust valves, intake manifold with integrated charge motion flap
Valve gear / number of valves per cylinder	Cam followers with hydraulic valve-play compensation / 4
Displacement in cc / bore x stroke in mm / compression	4163 / 84.5 x 92.8 / 12.5 : 1
Maximum power output in kW (bhp) / at rpm	309 (420) / 7800
Maximum torque in Nm / at rpm	430 / 5500
Engine management / mixture preparation	Fully electronic petrol direct injection with air-mass measurement, mapped ignition with solid-state high-voltage distribution, continuous camshaft adjustment for the intake and exhaust valves, Bosch MED 9.1 coordinated torque control
Exhaust emission control	Two tubular manifolds, two underbonnet primary catalytic converters, two underfloor main converters, cylinder-bank selective lambda control
Emission category	EU4
Alternator in A / battery in A/Ah	190 / 520 / 110
Drive / transmission	
Drive type	quattro permanent four-wheel drive with self-locking centre differential, electronic differential lock EDL by active brake control at all driven wheels, ESP
Clutch	Hydraulically operated single-plate dry clutch with asbestos-free and lead-free linings, dual-mass flywheel
Gearbox type	6-speed manual gearbox, synchromesh on all gears
Gear ratio in 1st gear / 2nd gear	3.667 / 2.211
Gear ratio in 3rd gear / 4th gear	1.520 / 1.133
Gear ratio in 5th gear / 6th gear	0.919 / 0.778
Reverse gear / final drive ratio	3.333 / 4.111
Running gear / steering / brakes	
Front suspension	Independent four-link front suspension with virtual steering axis, anti-roll bar: single-tube shock absorbers and coil springs, guide link
Rear suspension	Trapezoidal-link rear suspension, anti-roll bar
Steering / steering ratio / turning circle in m (D102)	Maintenance-free rack-and-pinion steering with power assistance / 13.10 / 11.10
Brake system, front/rear	Dual-circuit brake system with diagonal split, anti-lock brake system ABS, brake servo, electronic brake force distribution EBD, ventilated and perforated brake discs at front and rear, front: eight-piston high-performance brakes
Wheels / tyres	8.5 J x 18 alloy wheels of 5-arm design / 255/40 R18
Performance / consumption / acoustics	
Maximum speed in km/h	250 (governed)
Acceleration 0-100 / 0-200 km/h in seconds	4.9 / 17.5
Fuel grade	Unleaded Super Plus, 98 RON (95 RON with slight reduction in performance)
Fuel consumption: urban / extra urban / mixte, l/100 km	21.4 / 9.6 / 13.9
CO ₂ mass emission, g/km	514 / 230 / 334
Standing / drive-past exterior noise level in dB (A)	95 / 75
Servicing / guarantee (Germany)	
Long-life service after a maximum of ... km	According to service indicator up to 30,000 (max. 2 years) ¹⁾
Vehicle/paint/rust perforation guarantee	2 years with unlimited mileage / 3 years / 12 years
Insurance classification in Germany	18 (third party) / 26 (fully comprehensive) / 30 (part-comprehensive)
Weights / loads	
Unladen weight in kg / gross weight limit in kg	1845 / 2305
Axle load limit at front / rear in kg	1220 / 1150
Roof load limit in kg	-
Capacities	
Cooling system capacity (incl. heating) in litres	11.5
Engine oil capacity (incl. filter) in litres	8
Fuel tank capacity in litres	63
Body / dimensions 2)	
Body type	Fully galvanised, unitary steel body, crumple zones at front and rear
Number of doors / seats	2 (with additional side protection) / 4
Drag coefficient c _D / frontal area A in m ²	0.31 / 2.17
Length (L103) / width excl. mirrors (W103) / height (H100), mm	4555 / 1814 / 1391
Wheelbase (L101) / track at front/rear (W101/W102), mm	2650 / 1559 / 1569
Height of loading lip in mm (H195)	633
Luggage capacity in l, acc. to VDA block method (V210)	315 / 246

1) depending on driving style and operating conditions

2) details of measurements at vehicle kerb weight