

Technical Data – Audi RS 3 Sportback

Program for Germany – Status: January 2011

Model	Audi RS 3 Sportback
Engine / electronics	
Engine type	Inline five-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger with intercooler, four valves per cylinder, double overhead camshafts (DOHC)
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment / 4
Displacement in cc	2480 / 82.5 x 92.8 / 10 : 1
Max. power output in kW (hp) / at rpm	250 (340) / 5400-6500
Max. torque in Nm (lb-ft) / at rpm	450 (331.90) / 1600 - 5300
Mixture preparation	MED 9.1.2
Exhaust emission control	2-branch exhaust system with 1 close-coupled primary catalytic converter, 2 underfloor catalytic converters, 1 x LSU upstream of primary cat, 1 x LSF downstream of primary cat, continuous, cylinder-selective oxygen sensor control
Emissions class	EU 5
Alternator in A / battery in A/Ah	140 (recuperation capability) / 380 / 80
Drivetrain / transmission	
Drive type	quattro permanent all-wheel drive with electronically controlled multi-plate clutch, electronic differential lock EDL
Clutch	Dual clutch made up of two concentrically arranged wet single clutches
Transmission type	7-speed S tronic direct shift transmission
Gear ratio in 1st gear / 2nd gear	3.563 / 2.526
Gear ratio in 3rd gear / 4th gear	1.679 / 1.022
Gear ratio in 5th gear / 6th gear	0.788 / 0.761
Gear ratio in 7th gear / 8th gear	0,635
Reverse gear / final drive ratio	2.789/ I: 4.059 for 1st, 4th, 5th + rev. II: 3.450 for 2nd, 3rd, 6th + 7th
Suspension / steering / brakes	
Front suspension	McPherson struts with lower wishbones, tubular anti-roll bar, track-stabilizing steering roll radius, aluminum subframe
Rear suspension	Four-link rear suspension with separate spring/shock absorber arrangement, tubular anti-roll bar, subframe
Steering / steering ratio / turning circle in meters (D102) (feet)	Electromechanical steering with speed-dependent power assistance / 16.2 / approx. 10.7 (35.10)
Brake system	Dual-circuit brake system with diagonal split, ESP, hydraulic brake assist; brake system at front: 18" 4-piston fixed calipers on pin-on-disk system, 370x32, steel, ventilated; brake system at rear: 17" brake calipers on disk, 310x22, ventilated
Wheels / tires	Cast aluminum wheels, 8J x 19, offset 50; tires: 235/35 R19 at front, 225/35 R19 at rear
Performance / consumption / acoustics	
Top speed in km/h (mph)	250 (155.34) (governed)
Acceleration, 0-100 km/h (0-62.14 mph) in sec	4,6
Fuel / octane value	SuperPlus sulfur-free 98 RON according to EN 228 / 98 RON
Fuel consumption: city / highway / combined, l/100 km (US mpg)	13.1 (17.96) / 6.8 (34.59) / 9.1 (25.85)
CO2 mass emission, g/km (g/mile)	305 (490.85) / 158 (254.28) / 212 (341.18)
Idling / drive-past exterior noise level in dB (A)	86 / 71
Servicing / guarantee (Germany)	
LongLife Service after max. km (miles)	According to service indicator up to 30,000 (18,641.14) (max. 2 years)
Vehicle / paint / rust perforation guarantee	2 years with unlimited mileage / 3 years / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	18 / N26 / N24
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit; in kg (pounds)	1575 (3,472.28) / 1650 (3,637.60) / 2135 (4,706.87)
Axle load limit at front / rear in kg (pounds)	1150 (2,535.32) / 1100 (2,425.08)
Roof load limit in kg / permissible nose weight in kg (pounds)	75 (165.35) / -
Capacities	
Engine oil capacity (including filter) in liters (US quarts)	6.5 (6.87)
Fuel tank capacity in liters (US gallons)	60 (15.85)
Body / dimensions	
Body type / number of doors / seats	Unitary, steel / 5 doors with additional side protection / 5
Drag coefficient Cd / frontal area A in m2 (square feet)	0.362 / 2.16 (23.25)
Length (L103) / width excluding mirrors (W103) / height (H101-M), mm (feet)	4302 (14.11) / 1794 (5.89) / 1402 (4.60)
Wheelbase (L101) / track at front/rear (W101-1/W101-2), mm (feet)	2578 (8.46) / 1564 (5.13) / 1528 (5.01)
Height of loading lip in mm (H196) (feet)	664 (2.18)
Luggage capacity in liters (cubic feet), according to VDA block method (V211) / rear seat bench folded	302 (10.67) / 1032 (36.44)