Technical Data – Audi S5 Sportback (245 kW)

Audi Australia**: June 2010**

Model	**Audi S5 Sportback**
Engine / electronics	
Engine type	Aluminium V6 spark-ignition engine with gasoline direct injection, DOHC, mechanical charger module with two intercoolers, two charge movement flaps, demand-controlled high-pressure and low-pressure fuel system
Valve gear / number of valves per cylinder	Continuous intake camshaft adjustment / 4
Displacement in cc / bore x stroke in mm / compression	2995 / 84.5 x 89 / 10.3
Max. power output in kW / at rpm	245 / 5500 - 7000
Max. torque in Nm / at rpm	440 / 2900 - 5300
Engine management / mixture preparation	Fully electronic engine management with drive-by-wire throttle control; SIMOS 8, gasoline direct injection, cylinder-selective lambda control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control; manifold-pressure controlled system
Exhaust emission control	Two close-coupled ceramic main catalytic converters each with a pre- and post-catalyst oxygen sensor, secondary air system
Emissions class	EU 5
Alternator in A / battery in A/Ah	150 / 380 / 80
Recuperation	Temporarily stores braking energy in the battery, and thus aids driving off and acceleration
Drive train / transmission	
Drive type	quattro permanent all-wheel drive with self-locking centre differential, ESP
Clutch	Two electrohydraulically controlled multi-plate clutches in an oil bath
Transmission type	7-speed S tronic direct-shift transmission with electrohydraulic control
Gear ratio in 1st gear / 2nd gear	3.692 / 2.238
Gear ratio in 3rd gear / 4th gear	1.559 / 1.175
Gear ratio in 5th gear / 6th gear	0.915 / 0.745
Gear ratio in 7th gear / 8th gear	0.617 /
Reverse gear / final drive ratio	2.944 / 3.875
Suspension / steering / brakes	
Front suspension	Five-link front suspension, upper and lower wishbones, tubular anti-roll bar
Rear suspension	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar
Steering / steering ratio / turning circle in metres	Maintenance-free rack-and-pinion steering with power assistance / 16.3 / 11.5
Brake system	Dual-circuit brake system with diagonal split, ABS/EBD and ESP with brake assist; tandem brake booster; high-performance braking system with brake callipers painted black; front and rear: ventilated disks
Wheels / tyres	8.5 J x 18 cast aluminium wheels with 245/40 R 18 tyres
Performance / consumption / acoustics	
Top speed in km/h	250
Acceleration, 0-100 km/h in sec	5.4
Fuel	Premium 95 RON according to EN 228
Fuel consumption: city / highway / combined, l/100 km (according to ADR81/02)	13.5 / 7.0 / 9.4
CO_2 emissions: combined, g/km	219
Idling / drive-past exterior noise level in dB (A)	78 / 74
Servicing / warranty	
Service	15,000 km or 12 months whichever comes first
Vehicle / paint / rust perforation warranty	3 years with unlimited mileage / 3 years / 12 years
Weights / loads	
Unladen weight in kg / gross weight limit in kg	1755 / 2285
Axle load limit at front / rear in kg	1180 / 1200
Trailer load limit, unbraked in kg	750
Trailer load limit on 8% / 12% gradient, braked in kg	2100 / 1900
Roof load limit in kg / permissible nose weight in kg	90 / 80
Capacities	
Cooling system capacity (incl. heating) in litres	11.1
Engine oil capacity (including filter) in litres	8.1
Fuel tank capacity in litres	64
Body / dimensions [2)]	
Body type	Galvanized, unitary steel body; crumple zones at front and rear
Number of doors / seats	4 doors with additional side protection / 4
Drag coefficient Cd / frontal area A in m^2	0.30 / 2.18
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4713 / 1854 / 1382
Wheelbase L101 / track at front/rear W101-1/W102-2 in mm	2811 / 1588 / 1575
Height of loading lip in mm (H196)	663
Luggage capacity in litres, according to VDA block method V210-2	480 (with rear seat folded down: 980)

1) depending on driving style and operating conditions

2) details of dimensions with vehicle unladen weight