

# Technical Data – Audi A3 Sportback 1.4 TFSI S tronic (90 kW)

Program for Germany

Status: October 2012

<b>Engine / electronics</b>	
Engine type	Inline four-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger with indirect intercooler, four valves per cylinder, double overhead camshafts (DOHC)
Valve gear / number of valves per cylinder	Tooth-belt drive / roller cam followers / 4
Displacement in cc	1395 / 74.5 x 80.0 / 10.5
Max. power output in kW (hp) / at rpm	90 (122) / 5000
Max. torque in Nm (lb-ft) / at rpm	200 (147.51) / 1400 – 4000
Mixture preparation	Fully electronic direct injection with drive-by-wire throttle control
Exhaust emission control	Ceramic underfloor catalytic converter with catalyst heating function via homogeneous split dual injection
Emissions class	EU 5
Alternator in A / battery in A/Ah	140 / 280/59
Start-stop system	Switches the engine off if the vehicle is stationary and the brake is engaged.
<b>Drivetrain / transmission</b>	
Drive type	Front-wheel drive with electronic stabilization control (ESC)
Clutch	Two electrohydraulically operated dry clutches
Transmission type	7-speed S tronic dual-clutch transmission
Gear ratio in 1st gear / 2nd gear	3.765 / 2.273
Gear ratio in 3rd gear / 4th gear	1.531 / 1.122
Gear ratio in 5th gear / 6th gear	1.176 / 0.951
Gear ratio in 7th gear / 8th gear	0.795 / -
Reverse gear / final drive ratio	4.169 / 1st – 4th gear 4.438 / 5th – 7th gear 3.227 / reverse gear 4.176
<b>Suspension / steering / brakes</b>	
Front suspension	McPherson struts with lower wishbones, aluminum subframe, tubular anti-roll bar
Rear suspension	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, tubular anti-roll bar
Steering / steering ratio / turning circle in meters (D102) (feet)	Electromechanical steering with speed-dependent power assistance / 15.3 / 10.9 (35.76)
Brake system	Dual-circuit brake system with diagonal split, ESC with electronic limited slip differential, hydraulic brake assist, disk brakes ventilated at front, solid at rear
Wheels / tires	6.5Jx16" steel wheels, 205/55 R16 tires
<b>Performance / consumption / acoustics</b>	
Top speed in km/h (mph)	203 (126.14)
Acceleration, 0-100 km/h (0-62.14 mph) in sec	9,3
Fuel / octane value	Premium unleaded / 95 RON
Fuel consumption: city / highway / combined in l/100 km (US mpg)	6.1 (38.56) / 4.3 (54.70) / 5.0 (47.04)
CO <sub>2</sub> mass emission in g/km (g/mile)	142 (228.53) / 100 (160.93) / 116 (186.68)
Idling / drive-past exterior noise level in dB (A)	73 / 70
<b>Servicing / guarantee (Germany)</b>	
Service inspection after max. km (miles)	According to service indicator up to 30,000 (18,641.14) or max. 2 years
Vehicle / paint / rust perforation guarantee	2 years / 3 years / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	16 / 18 / 17
<b>Weights / loads</b>	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (pounds)	1225 (2700.66) / 1300 (2866.01) / 1785 (3935.25)
Axle load limit at front / rear in kg (pounds)	960 (2116.44) / 945 (2083.37)
Trailer load limit on 8% / 12% gradient, braked / unbraked; in kg (pounds)	1600 (3527.40) / 1400 (3086.47) / 650 (1433.00)
Roof load limit / permissible nose weight in kg (pounds)	75 (165.35) / 75 (165.35)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in liters (US gallons)	Approx. 10 (2.64)
Engine oil capacity (including filter) in liters (US quarts)	4.0 (4.23)
Fuel tank capacity in liters (US gallons)	50 (13.21)
<b>Body / dimensions</b>	
Body type / number of doors / seats	Unitary / steel / 3 / 5
Drag coefficient Cd / frontal area A in m <sup>2</sup> (square feet)	0.31 / 2.13 (22.93)
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm (feet)	4310 (14.14) / 1785 (5.86) / 1425 (4.68)
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm (feet)	2636 (8.65) / 1535 (5.04) / 1506 (4.94)
Height of loading lip (H196) in mm (feet)	677 (2.22) (H196)
Luggage capacity in liters (cubic feet), according to VDA block method (V211) / rear seat bench folded	380 (13.42) (V211-2) / 1220 (43.08) (V214-1)