

Technical Data – Audi A1 1.4 TFSI Sport

Program for Australia- Status: May 2011

Model	Audi A1 1.4 TFSI Sport
Engine / electronics	
Engine type	Inline four-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	Roller cam followers / 4
Displacement in cc	1390 / 76.5 x 75.6 / 10.0
Max. power output in kW (hp) / at rpm	136 (185) / 6200
Max. torque in Nm (lb-ft) / at rpm	250 / 2000 – 4500
Mixture preparation	Fully electronic engine management with drive-by-wire throttle control, direct injection, adaptive lambda control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control
Exhaust emission control	Ceramic underfloor catalytic converter with catalyst heating function
Emissions class	EU 5
Alternator in A / battery in A/Ah	140 / 380 / 80
Start-stop system	none
Recuperation	none
Drivetrain / transmission	
Drive type	Front-wheel drive with EDL
Clutch	Two electrohydraulically controlled multi-plate clutches
Transmission type	7-speed S tronic dual-clutch transmission with electrohydraulic control
Gear ratio in 1st gear / 2nd gear	3,500 / 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	0,795 / -
Reverse gear / final drive ratio	4,170 / 1st-4th gear 4,438 / 5th-7th gear 3,227 / Rev. gear 4,176
Suspension / steering / brakes	
Front suspension	McPherson struts with lower wishbones, anti-roll bar, track-stabilizing steering roll radius, steel subframe
Rear suspension	Torsion-beam rear suspension with separate spring/shock absorber arrangement
Steering / steering ratio / turning circle in meters (D102)	Electro-mechanical servotronic steering with speed-dependent power assistance / 16.2 / approx. 10.7
Brake system	Dual-circuit brake system with diagonal split. ESP with electronic brake-force distribution EBD, ABS, electronic differential lock EDL; brake booster with dual-rate function, hydraulic brake assist; front: ventilated disks, rear: disks
Wheels / tires	7,5J x 17" alloy wheels 215/40 R17 tyres
Performance / consumption / acoustics	
Top speed in km/h	227
Acceleration, 0-100 km/h in sec	6,9
Fuel / octane value	Premium sulfur-free according to EN 228 / 98 RON
Fuel consumption: city / highway / combined, l/100 km (ADR 81/02)	7.5 / 5.1 / 5.9
CO2 mass emission, g/km	174 / 119 / 139
Idling / drive-past exterior noise level in dB (A)	82 / 72
Servicing / Warranty	
Service intervals	According to service indicator up to 30,000 (max. 2 years)
Vehicle / paint / rust perforation guarantee	15 / N17 / N18
Weights / loads	
Unladen weight in kg according to EU (excluding driver) / gross weight limit in kg	1190 / 1640
Axle load limit at front / rear in kg	925 / 770
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg	1200 / 1200 / 630
Roof load limit in kg / permissible nose weight in kg	75 / 50
Capacities	
Engine oil capacity (including filter) in liters	3.6 (oil change incl. filter)
Fuel tank capacity in liters	45
Body / dimensions	
Body type / number of doors / seats	Unitary, steel / 3 doors with additional side protection / 4 seats
Drag coefficient Cd / frontal area A in m2	0,34 / 2,04
Length (L103) / width excl. mirrors (W103) / height (H101-M), mm	3954 / 1740 / 1416
Wheelbase (L101) / track at front/rear (W101-1/W101-2), mm	2469 / 1477 / 1471
Height of loading lip in mm (H196)	663
Luggage capacity in liters, according to VDA block method (V211) / rear seat bench folded	270 / 920