



Technical Specifications		2007 A3 2.0 TFSI
<b>ENGINE:</b>		
Type	Inline four-cylinder spark-ignition engine with petrol direct injection, exhaust turbocharger with intercooler, four valves per cylinder.	
Arrangement	Front mounted, transverse	
	<b>2.0T 200hp FWD</b>	
Bore	3.2 in.	82.5 mm
Stroke	3.70 in.	92.8 mm
Displacement	121 cu. in.	1984 cc
Compression ratio	10:03:01	
Fuel requirement	Unleaded Super, 95 RON (unleaded regular, 91 RON, as an alternative with slight reduction in performance)	
Horsepower (SAE)	200 hp @	5100 - 6000 rpm
Max. Torque	207 lb-ft 280Nrr @	1800-5000 rpm
Max. Turbo boost (abs.)	1.8 bar	
<b>ENGINE DESIGN:</b>		
Cylinder block	Cast iron	
Crankshaft	Forged steel, 5 main bearings	
Cylinder head	Aluminum alloy	
Valve train / intake	DOHC, belt driven, hydraulic lifters	
Firing order	1-3-4-2	
Cooling system	Water-cooled, thermostatically controlled radiator fan	
Lubrication system	Gear pump, pressurized, full flow with oil cooler	
Fuel injection / Ignition system	Fully electronic engine management with drive-by-wire throttle control, direct injection, adaptive lambda control; mapped ignition with cylinder selective ignition coil, cylinder-selective adaptive knock control	
Emission system	Underbonnet ceramic percatlyst with catalyst heating function via homogenous split dual injection.	
<b>ELECTRICAL SYSTEM:</b>		
Battery	12 volts	60 amp x h
Alternator	14 volts	140 amp x h
<b>DRIVETRAIN:</b>		
Transmission	Automatic: 6-speed Direct Shift Gearbox (DSG) with electro-hydraulic control Manual: 6-speed manual transmission	
Type	<b>200 hp FWD</b>	
	<b>DSG</b>	
	<b>Manual</b>	
Gear ratios: 1st	3.462	3.357
2nd	2.150	2.087
3rd	1.464	1.469
4th	1.079	1.098
5th	1.094	1.108
6th	0.921	0.927
Reverse	3.989	3.990
Final Drive front / rear	4.059 1st - 4th / 3.136 5th, 6th and reverse	3.944 1st - 4th/3.087 5th,6th and reverse
Front Differential	Hypoid gear, electronically locking (EDL)	
Center Differential	Haldex electronically controlled multi-plate coupling automatic and variable front to rear power proportioning	
Rear Differential	Hypoid gear	
<b>STEERING:</b>		
Type	Electromechanical steering with speed-dependent power assistance / 16.2/ approx. 10.7	
Ratio	16.2:1	
Turns (lock-to-lock)	3	
Turning circle (curb-to-curb)	35.11 ft.	10.7 m
<b>SUSPENSION:</b>		
Front	Mc Pherson strut with lower wishbones, aluminium subframe, tubular anti-roll bar, track-stabilising steering roll radius	
Rear	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, tubular anti-roll bar	



**Technical Specifications (continued)** **2007 A3 2.0 TFSI**

<b>BRAKES:</b>	
Service brake	Dual-circuit brake system with diagonal split, ESP with elektronic brake force distribution EBD, ABS; hydraulic brake assistent; brake servo with dual-rate function, electronic differential lock EDL, front: ventilates discs, rear: discs
Front, size and type	12.3 in. 312 mm - Vent. disc
Rear, size and type	11.3 in. 280 mm disc
Parking brake	Mechanically actuated at the rear wheels

<b>WHEELS (standard only):</b>	
Size	7.5J x 17 cast aluminum, 5 dome star spoke design

<b>TIRES (standard only):</b>	
Size	225 / 45 R 17 Y all season

<b>BODY:</b>	
Material	
Corrosion protection	Multi-step anti-corrosion protection Cw = 0.33

<b>CAPACITIES:</b>	
Engine oil	4.8 qt. 4.6 liter
Fuel tank	14.5 gal. 55 liter
Cooling system	8.4 qt. 8 liter (incl. heating)

<b>EXTERIOR DIMENSIONS:</b>	
Wheelbase	101.5 in. 2578 mm
Track: front / rear	59.9/58.8 in. 1523/ 1495
Overall length	168.7 in. 4286 mm
Overall width	77.1 in. 1959 mm (includes mirrors)
Height	56 in. 1423 mm
Ground clearance	4.4 in. 113 mm
Curb weight	3329 lbs. 1510 kg (automatic)
Distribution % front / rear	61/39

<b>INTERIOR DIMENSIONS:</b>	
Seating Capacity	5
EPA class	Five seater
Head room	38.1 in. 970 mm
Shoulder room	54.3 in. 1381 mm
Leg room	41.2 in. 1046 mm
Int. vol. (EPA)	N/A
Luggage capacity (EPA)	19.52 cu. ft. 370 Liter

<b>PERFORMANCE:</b>	
0-60 mph	6.7 sec.
1/4 mile	15.5 sec.
Top speed	Electronically limited to 130 mph (209 km/h) for North America

<b>FUEL ECONOMY:</b> EPA estimate		
	<b>200 hp FWD</b>	<b>200 hp FWD</b>
	<b>DSG</b>	<b>Manual</b>
City	25 mpg	24 mpg
Highway	31 mpg	32 mpg
Combined	28 mpg	27 mpg

<b>FUEL ECONOMY:</b> Canadian estimate		
City	9.7 liters/100km*	10.2 liters/100km*
Highway	7.2 liters/100km*	7.1 liters/100km*