



Technical Specifications		2009 A3 2.0 TFSI	
ENGINE:			
Type	Inline four-cylinder spark-ignition engine with petrol direct injection, exhaust turbocharger with intercooler, four valves per cylinder.		
Arrangement	Front mounted, transverse		
	2.0T 200hp FWD		
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 280Nm (@	1800-5000 rpm	
Max. Turbo boost (abs.)	1.8 bar		
ENGINE DESIGN:			
Cylinder block	Cast iron		
Crankshaft	Forged steel, 5 main bearings		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC, chain 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.		
ELECTRICAL SYSTEM:			
Battery	12 volts	60 amp x h	
Alternator	14 volts	140 amp x h	
DRIVETRAIN:			
Transmission	Automatic: 6-speed Direct Shift Gearbox (DSG) with electro-hydraulic control Manual: 6-speed manual transmission		
Type	200 hp FWD/quattro		200hp FWD
	DSG		Manual
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 (for quattro)	Haldex electronically controlled multi-plate coupling automatic and variable front to rear power proportioning		Haldex electronically controlled multi-plate coupling automatic and variable front to rear power proportioning
Rear Differential (for quattro)	Hypoid gear		Hypoid gear
STEERING:			
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	
SUSPENSION:			
Front	Mac 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)		2009 A3 2.0 TFSI	
BRAKES:			
Service brake	Dual-circuit brake system with diagonal split, ESP with electronic brake force distribution EBD, ABS; hydraulic brake assist; 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		
WHEELS (standard only):			
Size	7.5J x 17 cast aluminum,		
TIRES (standard only):			
Size	225 / 45 R 17 Y all season		
CAPACITIES:			
Engine oil	4.8 qt.	4.6 liter	
Fuel tank	14.5 gal.	55 liter	
Cooling system	8.4 qt.	8 liter (incl. heating)	
EXTERIOR DIMENSIONS:			
Wheelbase	101.5 in.	2578 mm	
Track: front / rear	60.4 in.	1534 mm	59.331 in. 1507 mm
Overall length	169.0 in.	4292 mm	
Overall width	78.5 in.	1995 mm (includes mirrors)	
Height	56.0 in.	1423 mm	
Curb weight	3219 lbs.	FWD manual trans	3461 lbs. quattro S tronic
Distribution % front / rear	61/39		
INTERIOR DIMENSIONS:			
Seating Capacity	5		
EPA class	Five seater		
Head room	39.3 in.	999 mm	
Shoulder room	54.36997 in.	1381 mm	
Int. vol. (EPA)	N/A		
Luggage capacity (EPA)	19.52 cu. ft.	370 Liter	
PERFORMANCE:			
0-60 mph	FWD manual	FWD S tronic	quattro S tronic
	7.1 seconds	6.9 seconds	6.7 seconds
Top speed	Electronically limited to 130 mph (209 km/h) for North America		
FUEL ECONOMY:			
EPA estimate			
	200 hp FWD		200 hp quattro
	S tronic	Manual	S tronic
City	22 mpg	21 mpg	21 mpg
Highway	28 mpg	30 mpg	28 mpg
Combined	24 mpg	24 mpg	24 mpg