

Technical Specifications		2008 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 280Nrr @	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, 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.		
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		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	Haldex electronically controlled multi-plate coupling automatic and variable front to rear power proportioning		
Rear Differential	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 seperate spring/shock absorber arrangement, subframe, turbular anti-roll bar		



Technical Specifications (continued)		2008 A3 2.0 TFSI	
BRAKES:			
Service brake	Dual-circuit brake system with diagonal split, ESP with electronic 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		
WHEELS (standard only):			
Size	7.5J x 17 cast aluminum, 5 dome star spoke design		
TIRES (standard only):			
Size	225 / 45 R 17 Y all season		
BODY:			
Material			
Corrosion protection	Multi-step anti-corrosion protection	Cw = 0.33	
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	59.9/58.8 in.	1523/ 1495	
Overall length	168.7 in	4286 mm	
Overall width	77.4 in	1957 mm	(includes mirrors)
Height	56 in.	1423 mm	
Ground clearance	4.0 in.	113 mm	
Curb weight	3263 lbs.	1480 kg (manual)	3307 lbs. 1500 kg (S tronic)
Distribution % front / rear	61/39		
INTERIOR DIMENSIONS:			
Seating Capacity	5		
EPA class	Five seater		
Head room	38.9 in.	970 mm	
Shoulder room	54.4 in.	1381 mm	
Leg room	41.2 in.	1046 mm	
Int. vol. (EPA)	N/A		
Luggage capacity (EPA)	19.52 cu. ft.	370 Liter	
PERFORMANCE:			
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		
FUEL ECONOMY: EPA estimate			
	200 hp FWD		200 hp FWD
	DSG		Manual
City	22 mpg		21 mpg
Highway	29 mpg		29 mpg
Combined	25 mpg		24 mpg
FUEL ECONOMY: Canadian estimate			
City	9.3 liters/100km*		10.1 liters/100km*
Highway	6.9 liters/100km*		6.8 liters/100km*