



Technical Specifications		2007 Audi A4 2.0T Sedan			
ENGINE:					
Type	Inline 4-cylinder spark-ignition engine with gasoline direct injection, exhaust turbo-charger with intercooler, 4 valves/cylinder, DOHC				
Arrangement	Front mounted, longitudinal				
Bore	3.25 in.	82.5 mm			
Stroke	3.65 in.	92.8 mm			
Displacement	121.06 cu. in.	1984 cc			
Compression ratio	10.5 : 1				
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance				
Horsepower (SAE)	200 hp	@ 5100-6000	rpm		
Max. Torque	207 lbs. ft.	@ 1800-5000	rpm		
ENGINE DESIGN:					
Cylinder block	Cast iron				
Crankshaft	Forged steel, 4 main bearings				
Cylinder head	Aluminum alloy				
Valve train / intake	Intake camshaft adjustment, DOHC belt driven, hydraulic lifters				
Cooling system	Water-cooled, thermostatically controlled radiator fan				
Lubrication system	Gear pump, pressurized, full flow with oil cooler				
Fuel injection: FSI Direct Injection	<p>-The fuel is injected via a common rail system supplied by a demand-controlled high-pressure pump. The fuel is injected directly into the combustion chamber via an injector positioned at one side between the inlet valves.</p> <p>-The fuel-air mixture is distributed purely homogeneously within the combustion chamber. This provides a distinctive characteristic, placing the emphasis on high performance and agile responsiveness at all engine speeds.</p> <p>-The four-valve cylinder head with low-friction roller cam follower drive has a modified inlet duct geometry that produces even higher tumble values than the naturally-aspirated FSI engine. This results not only in greater refinement, but also in superior knock resistance and therefore efficiency.</p>				
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors				
ELECTRICAL SYSTEM:					
Battery	12 volts	80 amp/hr			
Alternator	14 volts	120 amp			
DRIVETRAIN:					
Transmissions	Audi multitronic® Continuously Variable Transmission (CVT - only in FrontTrak) 6-speed manual transmission (FrontTrak / quattro) 6-speed automatic w				
Type	FrontTrak		quattro		
	Manual 6-speed	multitronic® CVT	Manual 6-speed Automatic 6-speed w/ Tiptronic®		
Gear ratios:	1st	3.667:1	2.378:1	3.667:1	4.171:1
	2nd	2.053:1	1.510:1	2.053:1	2.340:1
	3rd	1.370:1	1.080:1	1.423:1	1.521:1
	4th	1.032:1	0.840:1	1.032:1	1.143:1
	5th	0.800:1	0.670:1	0.800:1	0.867:1
	6th	0.658:1	0.544:1	0.658:1	0.691:1
	Final Drive	3.750:1	7th 0.381:1	3.889:1	3.539:1
Front Differential	Hypoid gear, electronically locking (EDL)		Hypoid gear, electronically locking (EDL)		
Center Differential			TORSEN® (TORque SENSing) differential providing automatic and variable front to rear power proportioning		
Rear Differential			Hypoid gear, electronically locking (EDL)		
STEERING:					
Type	Maintenance-free rack-and-pinion steering with Servotronic electronic power assist				
Ratio	16.3:1				
Turns (lock-to-lock)	n.a.				
Turning circle (curb-to-curb)	36.4 ft.	11.1 m			
SUSPENSION:					
Front	Four-link front suspension, upper and lower wishbones, tubular anti-roll bar				
Rear	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar				
BRAKES:					
Service brake	Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program, upgraded version 8.0 (ESP) with brake disc wiping feature; tandem brake booster				
Front, size and type	12.6 in.	320x30 mm	- Ventilated disc / ContiTeves FNRG-60		
Rear, size and type	11.3 in.	288x12 mm	- Solid disc / TRW CII-41		
Parking brake	Mechanically actuated at the rear wheels				

A4 2.0T Specifications



Technical Specifications (continued)				2007 Audi A4 2.0T Sedan			
WHEELS:		Standard 16" (C5V)		Optional 17" (C8F)		S line 18" (CH9/CJ6)	
Size	7J x 16			7.5J x 17		8J x 18	
Offset	42 mm			45 mm		43 mm	
Weight	n/a			n/a		n/a	
Type	Cast alloy 7 spoke			Cast alloy 5 double spoke		5 arm or 15 spk Titanium	
TIRES:							
Size	225 / 55 R16			235 / 45 R17		235 / 40 R18	
Speed rating	H			H (all-season)		Y (high performance or all-season)	
Construction	Radial			Radial		Radial	
Load Index	n/a			94		n/a	
Brand / Type (all approved)	<i>Michelin Pilot HX MXM4</i>			<i>Michelin Pilot Primacy (performance)</i>		<i>Conti Sport Contact 2 (performance)</i>	
				<i>Continental Pro Contact</i>		<i>Pirelli P6 FourSeasons (all-seasons)</i>	
BODY:							
Material	Unitized steel structure with integrated aluminum and magnesium components						
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation)						
CAPACITIES:		Front wheel drive		quattro			
Engine oil	6.3 qt.	6 liter		6.3 qt.	6 liter		
Fuel tank	18.5 gal.	70 liter		16.6 gal.	63 liter		
Cooling system	9.5 qt.	9 liter		9.5 qt.	9 liter		
EXTERIOR DIMENSIONS:		Front wheel drive		quattro			
Wheelbase	104.3 in.	2648 mm		104.3 in.	2648 mm		
Track: front / rear	59.9 in.	1522 mm	/	59.9 in.	1522 mm	/	59.9 in. 1522 mm
Overall length	180.6 in.	4586 mm		180.6 in.	4586 mm		
Overall width / with mirrors	69.8 in.	1772 mm	/	76.3 in.	1937 mm	/	76.3 in. 1937 mm
Height (unloaded)	56.2 in.	1427 mm		56.2 in.	1427 mm		
Ground clearance (loaded)	4.2 in.	106 mm		4.2 in.	106 mm		
Curb weight: man. / auto.	3428 lbs.	1555 kg	/	3450 lbs.	1565 kg	/	3549 lbs. 1610 kg / 3660 lbs. 1660 kg
Distribution: % front / rear	60 / 40			60 / 40			58 / 42 59 / 41
Drag coefficient: Front / quattro	Cw = 0.33			Frontal Area = 2.18 sq.m.			
INTERIOR DIMENSIONS (SAE measurements):							
Seating Capacity	5						
EPA class	Compact						
Head room front / rear	38.4 in.	976 mm	/	37.24 in.	946 mm		
w/sunroof front / rear	37.9 in.	962 mm	/	37.1 in.	942 mm		
Shoulder room front / rear	55.1 in.	1400 mm	/	53.43 in.	1357 mm		
Leg room front / rear	41.3 in.	1050 mm	/	34.25 in.	870 mm		
Int. volume Sedan front / rear	50.7 cu. ft.	1436 liters	/	39.4 cu. ft.	1116 liters		
Luggage Capacity Sedan	13.4 cu. ft.	380 liters				103.5 = total of cu. ft (including trunk volume)	
Int. Volume Avant front / rear	50.7 cu. ft.	1436 liters	/	40.1 cu. ft.	1136 liters		
Luggage Capacity Avant	27.8 cu. ft.	787 liters				118.6 = total of cu. ft (including trunk volume)	
Avant rear volume with seats folded	59 cu. ft.	1672 liters					
PERFORMANCE:		FrontTrak		quattro			
	Manual 6-speed	multitronic® CVT		Manual 6-speed	Automatic 6-speed w/ Tiptronic®		
0-50 mph (0-80kmh)	5.1 sec.	5.1 sec.		5.3 sec.	5.5 sec.		
0-60 mph (0-100 km/h)	7.1 sec.	7.3 sec.		7.3 sec.	7.5 sec.		
Top speed	Top speed is electronically limited at 130 MPH (208 km/h)						
FUEL ECONOMY:		EPA estimate					
	FrontTrak		quattro				
	Manual 6-speed	multitronic® CVT		Manual 6-speed	Automatic 6-speed w/ Tiptronic®		
City	23 mpg	24 mpg		22 mpg	22 mpg		
Highway	34 mpg	32 mpg		31 mpg	30 mpg		
Combined	27 mpg	27 mpg		25 mpg	25 mpg		
FUEL CONSUMPTION:		Canadian Estimate (not yet finalized)					
	Manual 6-speed	multitronic® CVT		Manual 6-speed	Automatic 6-speed w/ Tiptronic®		
City	10.1 liters/100km	9.8 liters/100km		10.6 liters/100km	10.8 liters/100km		
Highway	6.2 liters/100km	6.7 liters/100km		7 liters/100km	7.2 liters/100km		



Technical Specifications		2007 Audi A4 2.0T Avant	
ENGINE:			
Type	Inline 4-cylinder spark-ignition engine with gasoline direct injection, exhaust turbo-charger with intercooler, 4 valves/cylinder, DOHC		
Arrangement	Front mounted, longitudinal		
Bore	3.25 in.	82.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	121.06 cu. in.	1984 cc	
Compression ratio	10.5 : 1		
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance		
Horsepower (SAE)	200 hp	@ 5100-6000	rpm
Max. Torque	207 lbs. ft.	@ 1800-5000	rpm
ENGINE DESIGN:			
Cylinder block	Cast iron		
Crankshaft	Forged steel, 4 main bearings		
Cylinder head	Aluminum alloy		
Valve train / intake	Intake camshaft adjustment, DOHC belt driven, hydraulic lifters		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection / Ignition system	<p>-The fuel is injected via a common rail system supplied by a demand-controlled high-pressure pump. The fuel is injected directly into the combustion chamber via an injector positioned at one side between the inlet valves.</p> <p>-The fuel-air mixture is distributed purely homogeneously within the combustion chamber. This provides a distinctive characteristic, placing the emphasis on high performance and agile responsiveness at all engine speeds.</p> <p>-The four-valve cylinder head with low-friction roller cam follower drive has a modified inlet duct geometry that produces even higher tumble values than the naturally-aspirated FSI engine. This results not only in greater refinement, but also in superior knock resistance and therefore efficiency.</p>		
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	12 volts	80 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmissions	6-speed manual transmission (quattro) 6-speed automatic with Tiptronic® (quattro)		
Type	quattro		
		Manual 6-speed	Automatic 6-speed w/ Tiptronic®
Gear ratios:	1st	3.667:1	4.171:1
	2nd	2.053:1	2.340:1
	3rd	1.423:1	1.521:1
	4th	1.065:1	1.143:1
	5th	0.853:1	0.867:1
	6th	0.730:1	0.691:1
	Final Drive	3.889:1	3.539:1
Front Differential	Hypoid gear, electronically locking (EDL)		
Center Differential	TORSSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning		
Rear Differential	Hypoid gear, electronically locking (EDL)		
STEERING:			
Type	Maintenance-free rack-and-pinion steering with Servotronic electronic power assist		
Ratio	16.3:1		
Turns (lock-to-lock)	n.a.		
Turning circle (curb-to-curb)	36.4 ft.	11.1 m	
SUSPENSION:			
Front	Four-link front suspension, upper and lower wishbones, tubular anti-roll bar		
Rear	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar		
BRAKES:			
Service brake	Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program, upgraded version 8.0 (ESP) with brake disc wiping feature; tandem brake booster		
Front, size and type	12.6 in.	320x30 mm	- Ventilated disc / ContiTeves FNRG-60
Rear, size and type	11.3 in.	288x12 mm	- Solid disc / TRW CII-41
Parking brake	Mechanically actuated at the rear wheels		



Technical Specifications (continued)		2007 Audi A4 2.0T Avant			
WHEELS:		Standard 16" (C2F)	Optional 17" (C8F)		S line 18" (CH9/CJ6)
Size	7J x 16	7.5J x 17	8J x 18		
Offset	42 mm	45 mm	43 mm		
Weight	n/a	n/a	n/a		
Type	Cast alloy 5 wedge spoke	Cast alloy 5 double spoke	5 arm or 15 spk Titanium		
TIRES:					
Size	225 / 55 R16	235 / 45 R17	235 / 40 R18		
Speed rating	H	H (all-season)	Y (high performance or all-season)		
Construction	Radial	Radial	Radial		
Load Index	n/a	94	n/a		
Brand / Type (all approved)	Michelin Pilot HX MXM4 Continental Pro Contact	Michelin Pilot Primacy (performance) Conti Sport Contact 2 (performance)	Pirelli P6 FourSeasons (all-seasons)		
BODY:					
Material	Unitized steel structure with integrated aluminum and magnesium components				
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation)				
CAPACITIES:					
		quattro			
Engine oil		6.3 qt.	6 liter		
Fuel tank		16.6 gal.	63 liter		
Cooling system		9.5 qt.	9 liter		
EXTERIOR DIMENSIONS:					
		quattro			
Wheelbase		104.3 in.	2648 mm		
Track: front / rear		59.9 in.	1522 mm	/ 60 in.	1522 mm
Overall length		180.6 in.	4586 mm		
Overall width / with mirrors		69.8 in.	1772 mm	/ 76.3 in.	1937 mm
Height (unloaded)		56.2 in.	1427 mm		
Ground clearance (loaded)		4.2 in.	106 mm		
Curb weight: man. / auto.		3671 lbs.	1665 kg	/ 3748 lbs.	1700 kg
Distribution: % front / rear		58 / 42		59 / 41	
Drag coefficient: Front / quattro	Cw = 0.33	Frontal Area = 2.18 sq.m.			
INTERIOR DIMENSIONS (SAE measurements):					
Seating Capacity	5				
EPA class	Compact				
Head room front / rear	38.4 in.	976 mm	/	37.6 in.	956 mm
w/sunroof front / rear	37.9 in.	962 mm	/	37.2 in.	946 mm
Shoulder room front / rear	55.1 in.	1400 mm	/	53.43 in.	1357 mm
Leg room front / rear	41.3 in.	1050 mm	/	34.25 in.	870 mm
Int. volume Sedan front / rear	50.7 cu. ft.	1436 liters	/	39.4 cu. ft.	1116 liters
Luggage Capacity Sedan	13.4 cu. ft.	380 liters			103.5 = total of cu. ft (including trunk volume)
Int. Volume Avant front / rear	50.7 cu. ft.	1436 liters	/	40.1 cu. ft.	1136 liters
Luggage Capacity Avant	27.8 cu. ft.	787 liters			118.6 = total of cu. ft (including trunk volume)
Avant rear volume with seats folded	59 cu. ft.	1672 liters			
PERFORMANCE:					
		quattro			
		Manual 6-speed		Automatic 6-speed w/ Tiptronic®	
0-50 mph (0-80kmh)		5.4 sec.		5.6 sec.	
0-60 mph (0-100 km/h)		7.4 sec.		7.6 sec.	
Top speed	Top speed is electronically limited at 130 mph (208 km/h)				
FUEL ECONOMY:					
		quattro			
		Manual 6-speed		Automatic 6-speed w/ Tiptronic®	
City		22 mpg		22 mpg	
Highway		31 mpg		30 mpg	
Combined		25 mpg		25 mpg	
FUEL CONSUMPTION:					
		Manual 6-speed			
		Automatic 6-speed w/ Tiptronic®			
City		10.6 liters/100km		10.8 liters/100km	
Highway		7 liters/100km		7.2 liters/100km	



Technical Specifications		2007 Audi A4 3.2 Sedan	
ENGINE:			
Type	Aluminum V6 spark-ignition engine with gasoline direct injection, DOHC, 2-stage variable intake manifold w/2 charge movement flaps, demand-controlled high-pressure and low-pressure fuel system		
Arrangement	Front mounted, longitudinal		
Bore	3.33 in.	84.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	190.57 cu. in.	3123 cc	
Compression ratio	12.5 : 1		
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance		
Horsepower (SAE)	255 hp @ 6500 rpm		
Torque	243 lbs. ft. @ 3250 rpm		
ENGINE DESIGN:			
Cylinder block	High integrity aluminum cylinder block with cast-in thin wall gray iron liners		
Crankshaft	Forged steel		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC chain driven, hydraulic valve lifters, two-stage variable intake manifold		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection: FSI Direct Injection	<p>-A common rail high-pressure injection system with a newly developed single-piston high-pressure pump operating on demand ensures exactly the right amount of fuel, delivering precisely the volume required for building up operating pressure between 30 and 110 bar.</p> <p>-The intake tract, also comprising the two-stage variable intake manifold, moving charge-movement flaps provide the necessary tumble effect, swirling the induced air around depending on operating point. In order to achieve the high specific power and torque values, a new combustion process has been developed. This has the potential for worldwide application and for operation on the fuel grade RON 95/91. Together with the optimum geometry of the combustion chambers and the dosage of fuel injected with supreme accuracy down to the last millisecond, this allows a significant increase in compression:</p> <p>-While conventional production engines generally have a compression ratio of now more than 10.5 : 1, the compression ratio on Audi's 3.2 FSI power unit is 12.5 : 1 - a record on production cars and the essential prerequisite for the new engine's high standard of efficiency.</p>		
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	12 volts	80 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmissions	6-speed automatic with Tiptronic®		
Type	FrontTrak		quattro
	multitronic® CVT		Manual 6-speed Automatic 6-speed w/ Tiptronic®
Gear ratios:	1st	2.376:1	3.667:1 4.171:1
	2nd	1.476:1	2.053:1 2.340:1
	3rd	1.095:1	1.423:1 1.521:1
	4th	0.861:1	1.065:1 1.143:1
	5th	0.636:1	0.853:1 0.867:1
	6th	0.500:1	0.730:1 0.691:1
	Final Drive	7th 0.381:1	3.889:1 3.539:1
Front Differential	Hypoid gear, electronically locking (EDL)		
Center Differential	TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning		
Rear Differential	Hypoid gear, electronically locking (EDL)		
STEERING:			
Type	Maintenance-free rack-and-pinion steering with Servotronic electronic power assist		
Ratio	16.3:1		
Turns (lock-to-lock)	n.a.		
Turning circle (curb-to-curb)	36.4 ft.	11.1 m	
SUSPENSION:			
Front	Four-link front suspension, upper and lower wishbones, tubular anti-roll bar		
Rear	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar		
BRAKES:			
Service brake	Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program, upgraded version 8.0 (ESP) with brake disc wiping feature; tandem brake booster		
Front, size and type	12.6 in.	320x30 mm	- Ventilated disc / ContiTeves FNRG-60
Rear, size and type	11.3 in.	288x12 mm	- Solid disc / TRW CII-41
Parking brake	Mechanically actuated at the rear wheels		

A4 3.2 Specifications



Technical Specifications (continued)										2007 Audi A4 3.2 Sedan									
WHEELS:										Standard 17" (C8F)				S line 18" (CH9/CJ6)					
Size										7.5J x 17				8J x 18					
Offset										45 mm				43 mm					
Weight										n/a				n/a					
Type										Cast alloy 5 double spoke				5 arm or 15 spk Titanium					
TIRES:																			
Size										235 / 45 R17				235 / 40 R18					
Speed rating										H (all-season)				Y (high performance or all-season)					
Construction										Radial				Radial					
Load Index										94				n/a					
Brand / Type (all approved)										<i>Michelin Pilot Primacy (performance)</i> <i>Conti Sport Contact 2 (performance)</i> <i>Pirelli P6 FourSeasons (all-seasons)</i>									
BODY:																			
Material										Unitized steel structure with integrated aluminum and magnesium components									
Corrosion protection										All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation)									
CAPACITIES:										FrontTrak					quattro				
Engine oil										6.3 qt.		6 liter			6.3 qt.		6 liter		
Fuel tank										18.5 gal.		70 liter			16.6 gal.		63 liter		
Cooling system										9.5 qt.		9 liter			9.5 qt.		9 liter		
EXTERIOR DIMENSIONS:										FrontTrak					quattro				
Wheelbase										104.3 in.		2648 mm			104.3 in.		2648 mm		
Track: front / rear										59.9 in.		1522 mm / 59.9 in.			59.9 in.		1522 mm / 59.9 in.		
Overall length										180.6 in.		4586 mm			180.6 in.		4586 mm		
Overall width / with mirrors										69.8 in.		1772 mm / 76.3 in.			69.8 in.		1772 mm / 76.3 in.		
Height (unloaded)										56.2 in.		1427 mm			56.2 in.		1427 mm		
Ground clearance (loaded)										4.2 in.		106 mm			4.2 in.		106 mm		
Curb weight: man. / auto.												3571 lbs. 1620 kg			3649 lbs.		1655 kg 3748 lbs. 1700 kg		
Distribution: % front / rear															58 / 42		59 / 41		
Drag coefficient: Front / quattro										Cw = 0.31		Frontal Area = 2.18 sq. m.							
INTERIOR DIMENSIONS (SAE measurements):																			
Seating Capacity										5									
EPA class										Compact									
Head room front / rear										38.4 in.		976 mm / 37.24 in.			946 mm				
w/sunroof front / rear										37.9 in.		962 mm / 37.1 in.			942 mm				
Shoulder room front / rear										55.1 in.		1400 mm / 53.43 in.			1357 mm				
Leg room front / rear										41.3 in.		1050 mm / 34.25 in.			870 mm				
Int. volume Sedan front / rear										50.7 cu. ft.		1436 liters / 39.4 cu. ft.			1116 liters				
Luggage Capacity Sedan										13.4 cu. ft.		380 liters					103.5 = total of cu. ft (including trunk volume)		
Int. Volume Avant front / rear										50.7 cu. ft.		1436 liters / 40.1 cu. ft.			1136 liters				
Luggage Capacity Avant										27.8 cu. ft.		787 liters					118.6 = total of cu. ft (including trunk volume)		
Avant rear volume with seats folded										59 cu. ft.		1672 liters							
PERFORMANCE:										FrontTrak					quattro				
										multitronic® CVT					Manual 6-speed		Automatic 6-speed w/ Tiptronic®		
0-50 mph (0-80kmh)										4.8 sec.					4.7 sec.		4.9 sec.		
0-60 mph (0-100 km/h)										6.6 sec.					6.5 sec.		6.7 sec.		
Top speed										Top speed is electronically limited at 130 MPH (208 km/h)									
FUEL ECONOMY:										EPA estimate									
										FrontTrak					quattro				
										multitronic® CVT					Manual 6-speed		Automatic 6-speed w/ Tiptronic®		
City										n/a					n/a		19 mpg		
Highway										n/a					n/a		26 mpg		
Combined										n/a					n/a		21 mpg		
FUEL CONSUMPTION:										Canadian Estimate									
															Automatic 6-speed w/ Tiptronic®				
City										n/a					n/a		12.6 liters/100km		
Highway										n/a					n/a		8.2 liters/100km		



Technical Specifications		2007 Audi A4 3.2 Avant	
ENGINE:			
Type	Aluminum V6 spark-ignition engine with gasoline direct injection, DOHC, 2-stage variable intake manifold w/2 charge movement flaps, demand-controlled high-pressure and low-pressure fuel system		
Arrangement	Front mounted, longitudinal		
Bore	3.33 in.	84.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	190.57 cu. in.	3123 cc	
Compression ratio	12.5 : 1		
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance		
Horsepower (SAE)	255 hp	@ 6500 rpm	
Torque	243 lbs. ft.	@ 3250 rpm	
ENGINE DESIGN:			
Cylinder block	High integrity aluminum cylinder block with cast-in thin wall gray iron liners		
Crankshaft	Forged steel		
Cylinder head	Aluminum alloy		
Valve train / intake	DOHC chain driven, hydraulic valve lifters, two-stage variable intake manifold		
Cooling system	Water-cooled, thermostatically controlled radiator fan		
Lubrication system	Gear pump, pressurized, full flow with oil cooler		
Fuel injection: FSI Direct Injection	<p>-A common rail high-pressure injection system with a newly developed single-piston high-pressure pump operating on demand ensures exactly the right amount of fuel, delivering precisely the volume required for building up operating pressure between 30 and 110 bar.</p> <p>-The intake tract, also comprising the two-stage variable intake manifold, moving charge-movement flaps provide the necessary tumble effect, swirling the induced air around depending on operating point. In order to achieve the high specific power and torque values, a new combustion process has been developed. This has the potential for worldwide application and for operation on the fuel grade RON 95/91. Together with the optimum geometry of the combustion chambers and the dosage of fuel injected with supreme accuracy down to the last millisecond, this allows a significant increase in compression:</p> <p>-While conventional production engines generally have a compression ratio of now more than 10.5 : 1, the compression ratio on Audi's 3.2 FSI power unit is 12.5 : 1 - a record on production cars and the essential prerequisite for the new engine's high standard of efficiency.</p>		
Emission system	Dual 3-way catalytic converters w/individual oxygen sensors		
ELECTRICAL SYSTEM:			
Battery	12 volts	80 amp/hr	
Alternator	14 volts	120 amp	
DRIVETRAIN:			
Transmissions	6-speed automatic with Tiptronic®		
Type	quattro		
	Manual 6-speed		Automatic 6-speed w/ Tiptronic®
Gear ratios:	1st	3.667:1	4.171:1
	2nd	2.053:1	2.340:1
	3rd	1.423:1	1.521:1
	4th	1.065:1	1.143:1
	5th	0.853:1	0.867:1
	6th	0.730:1	0.691:1
	Final Drive	3.889:1	3.539:1
Front Differential	Hypoid gear, electronically locking (EDL)		
Center Differential	TORSEN® (TORque SENsing) differential providing automatic and variable front to rear power proportioning		
Rear Differential	Hypoid gear, electronically locking (EDL)		
STEERING:			
Type	Maintenance-free rack-and-pinion steering with Servotronic electronic power assist		
Ratio	16.3:1		
Turns (lock-to-lock)	n.a.		
Turning circle (curb-to-curb)	36.4 ft.	11.1 m	
SUSPENSION:			
Front	Four-link front suspension, upper and lower wishbones, tubular anti-roll bar		
Rear	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar		
BRAKES:			
Service brake	Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program, upgraded version 8.0 (ESP) with brake disc wiping feature; tandem brake booster		
Front, size and type	12.6 in.	320x30 mm	- Ventilated disc / ContiTeves FNRG-60
Rear, size and type	11.3 in.	288x12 mm	- Solid disc / TRW CII-41
Parking brake	Mechanically actuated at the rear wheels		

A4 3.2 Specifications



Technical Specifications (continued)		2007 Audi A4 3.2 Avant			
WHEELS:		Standard 17" (C8F)		S line 18" (CH9/CJ6)	
Size		7.5J x 17		8J x 18	
Offset		45 mm		43 mm	
Weight		n/a		n/a	
Type		Cast alloy 5 double spoke		5 arm or 15 spk Titanium	
TIRES:					
Size		235 / 45 R17		235 / 40 R18	
Speed rating		H (all-season)		Y (high performance or all-season)	
Construction		Radial		Radial	
Load Index		94		n/a	
Brand / Type (all approved)		<i>Michelin Pilot Primacy (performance)</i> <i>Conti Sport Contact 2 (performance)</i> <i>Pirelli P6 FourSeasons (all-seasons)</i>			
BODY:					
Material	Unitized steel structure with integrated aluminum and magnesium components				
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized. (12-year limited warranty against corrosion perforation)				
CAPACITIES:					
		quattro			
Engine oil		6.3 qt.	6 liter		
Fuel tank		16.6 gal.	63 liter		
Cooling system		9.5 qt.	9 liter		
EXTERIOR DIMENSIONS:					
		quattro			
Wheelbase		104.3 in.	2648 mm		
Track: front / rear		59.9 in.	1522 mm	/ 59.9 in.	1522 mm
Overall length		180.6 in.	4586 mm		
Overall width / with mirrors		69.8 in.	1772 mm	/ 76.3 in.	1937 mm
Height (unloaded)		56.2 in.	1427 mm		
Ground clearance (loaded)		4.2 in.	106 mm		
Curb weight: man. / auto.		3770 lbs.	1710 kg	3858 lbs.	1750 kg
Distribution: % front / rear		58 / 42		59 / 41	
Drag coefficient: Front / quattro	Cw = 0.31	Frontal Area = 2.18 sq. m.			
INTERIOR DIMENSIONS (SAE measurements):					
Seating Capacity	5				
EPA class	Compact				
Head room front / rear	38.4 in.	976 mm	/	37.6 in.	956 mm
w/sunroof front / rear	37.9 in.	962 mm	/	37.2 in.	946 mm
Shoulder room front / rear	55.1 in.	1400 mm	/	53.43 in.	1357 mm
Leg room front / rear	41.3 in.	1050 mm	/	34.25 in.	870 mm
Int. volume Sedan front / rear	50.7 cu. ft.	1436 liters	/	39.4 cu. ft.	1116 liters
Luggage Capacity Sedan	13.4 cu. ft.	380 liters	103.5 = total of cu. ft (including trunk volume)		
Int. Volume Avant front / rear	50.7 cu. ft.	1436 liters	/	40.1 cu. ft.	1136 liters
Luggage Capacity Avant	27.8 cu. ft.	787 liters	118.6 = total of cu. ft (including trunk volume)		
Avant rear volume with seats folded	59 cu. ft.	1672 liters			
PERFORMANCE:					
		quattro			
		Manual 6-speed		Automatic 6-speed w/ Tiptronic®	
0-50 mph (0-80kmh)		4.8 sec.		5.0 sec.	
0-60 mph (0-100 km/h)		6.6 sec.		6.8 sec.	
Top speed	Top speed is electronically limited at 130 MPH (208 km/h)				
FUEL ECONOMY:		EPA estimate			
		quattro			
		Manual 6-speed		Automatic 6-speed w/ Tiptronic®	
City		n/a		19 mpg	
Highway		n/a		26 mpg	
Combined		n/a		21 mpg	
FUEL CONSUMPTION:		Canadian Estimate			
		Automatic 6-speed w/ Tiptronic®			
City		n/a		12.6 liters/100km	
Highway		n/a		8.2 liters/100km	