



Technical Specifications	
ENGINE:	
Type	Aluminum V6 spark-ignition engine with gasoline direct injection, DOHC, 2-stage variable intake manifold, demand-controlled high-pressure and low-pressure fuel system
Arrangement	Front mounted, longitudinal
Bore	3.37 in. 85.5 mm
Stroke	3.65 in. 92.8 mm
Displacement	195.081 cu. in. 3197 cc
Compression ratio	12.5 : 1
Fuel requirement	Premium unleaded 91 AKI / 95 RON recommended for maximum performance
Horsepower (SAE)	265 hp @ 6500 rpm
Torque	243 lbs. ft. @ 3000-5000 rpm
ENGINE DESIGN:	
Cylinder block	High integrity aluminum cylinder block with cast-in thin wall gray iron liners
Cylinder head	Aluminum alloy
Valve train / intake	Audi valvelift system 2-stage intake valve lift: Variable valve timing
Cooling system	Water-cooled, thermostatically controlled radiator fan
Lubrication system	Gear pump, pressurized, full flow with oil cooler
Fuel injection: FSI Direct Injection	-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. -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: -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.
Emission system	Two close-coupled catalytic converters, two main catalytic converters, four heated oxygen sensors
ELECTRICAL SYSTEM:	
Battery	12 volts 80 amp/hr
Alternator	14 volts 150 amp
DRIVETRAIN:	
Transmissions	6-speed automatic with Tiptronic, including sport shift program and lockup torque converter New generation quattro all-wheel drive with rear-biased dynamic torque split (40% front, 60% rear) and self-locking center differential
Type	quattro Automatic 6-speed w/ Tiptronic®
Gear ratios:	1st 4.171:1
	2nd 2.340:1
	3rd 1.521:1
	4th 1.143:1
	5th 0.867:1
	6th 0.691:1
Final Drive	3.517:1
Center Differential	Self-locking center differential providing automatic and variable front to rear power proportioning, rear biased 40% front, 60% rear
STEERING:	
Type	Maintenance-free rack-and-pinion steering with Servotronic speed sensitive hydraulic power assist
Ratio	16.3:1
Turning circle (curb-to-curb)	37.4 ft. 11.4 m
SUSPENSION:	
Front	Five-link front suspension, upper and lower wishbones, tubular anti-roll bar, light-weight aluminum components
Rear	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, anti-roll bar
BRAKES:	
System description	Dual circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program (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	Electro-mechanically actuated at the rear wheels

A4 3.2 Specifications



Technical Specifications (continued)		2009 Audi A4 3.2 quattro			
WHEELS:		Premium 17"		Premium Plus 18"	
Size		8J x 17		8J x 18	
Type		Cast alloy 10-spoke		Cast alloy 5-spoke	
TIRES:					
Size		245 / 45 R17		245 / 40 R18	
Speed rating		H (all-season)		H (all-season)	
Load Index		99		97	
BODY:					
Material		Unitary steel structure with crumple zones front and rear			
Corrosion protection		Galvanized with 12 year rust corrosion guarantee			
CAPACITIES:					
		quattro			
Engine oil		6.3 qt.	6 liter		
Fuel tank		16.9 gal.	64 liter		
Cooling system		9.5 qt.	9 liter		
EXTERIOR DIMENSIONS:					
		quattro			
Wheelbase		110.6 in.	2808 mm		
Track:	front / rear	61.6 in.	1564 mm	61.1 in.	1551 mm
Overall length		185.2 in.	4703 mm		
Overall width	/ with mirrors	71.9 in.	1826 mm	79.0 in.	2006 mm
Height (unloaded)		56.2 in.	1427 mm		
Drag coefficient:		Cw = 0.28		Frontal Area = 2.20 sq. m.	
INTERIOR DIMENSIONS (SAE measurements):					
Seating Capacity		5			
EPA class		Compact			
Head room	front / rear	40.0 in.	1015 mm	/	37.48 in. 952 mm
Shoulder room	front / rear	55.5 in.	1410 mm	/	54.331 in. 1380 mm
Luggage Cap.	(seats up/down)	16.9 cu. ft.	480 liters	/	34.0 cu. ft. 962 liters
PERFORMANCE:					
		quattro			
0-60 mph (0-100 km/h)		Automatic 6-speed w/ Tiptronic®			
Top speed		6.3 sec			
		Top speed is electronically limited at 130 MPH (208 km/h)			
FUEL ECONOMY:		EPA estimate			
		quattro			
		Automatic 6-speed w/ Tiptronic®			
City		n/a			
Highway		n/a			
Combined		n/a			
FUEL CONSUMPTION:		Canadian Estimate			
		quattro			
		Automatic 6-speed w/ Tiptronic®			
City		n/a			
Highway		n/a			