



Audi of America

Audi Q5 3.2 Technical Specifications

2010 Model Year

Technical Specifications		2010 Audi Q5 3.2 FSI	
ENGINE:			
Type	Direct Injection, 24 valve, DOHC V6, continuous camshaft adjustment		
Arrangement	Front mounted, longitudinal		
Bore	3.37 in.	92.8 mm	
Stroke	3.65 in.	85.5 mm	
Displacement	195.1 cu. in.	3197 cc	
Compression ratio	12.5:1		
Fuel requirement	Premium unleaded (91 Octane) recommended for maximum performance		
Horsepower (SAE)	270 hp	@ 6500 rpm	199 kw
Max. Torque	243 lbs. ft.	@ 3000 rpm	330 nm
ENGINE DESIGN:			
Cylinder block	Aluminum-alloy		
Cylinder head	Aluminum-alloy		
Valve train / intake	Double overhead cam, compact four-valve design, auxiliaries and camshafts driven by maintenance-free chains, Audi valvelift system		
Firing order			
Fuel injection / Ignition system	Fully electronic engine management, sequential, direct petrol injection with adaptive idle charge control Adaptive lambda control, cylinder selective adaptive knock regulation with two sensors		
Emission system	dual catalytic converters, four oxygen sensors		
Emissions level	Tier2 BIN5 / ULEV II		
ELECTRICAL SYSTEM:			
Battery 12	volts	92 amp/hr	
Alternator	14 volts	150 amp	
DRIVETRAIN:			
Transmission	Six-speed automatic with Tiptronic® with DSP and Sport shift program		
Type	quattro Tiptronic Automatic		
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	
	reverse	3.403:1	
	Final Drive	4.216:1	
Front Differential	Hypoid gear, electronically locking (EDL)		
Center Differential	Self-locking differential providing automatic and variable front to rear power proportioning		
Rear Differential	Hypoid gear, electronically locking (EDL)		
STEERING:			
Type	Servotronic, speed-sensitive power rack and pinion, maintenance-free		
Ratio	16.3:1		
Turns (lock-to-lock)			
Turning circle (curb-to-curb)	38.1 ft.	11.6 m	
SUSPENSION:			
Front	Front five-link independent steel spring suspension		
Rear	Rear trapezoidal-link independent steel spring suspension		
BRAKES:			
	Dual-circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program (ESP); brake booster		
Front, size and type	12.6 in.	320 mm	- Ventilated disc
Rear, size and type	11.8 in.	300 mm	- solid disc
Parking brake	electro-mechanically actuated at the rear wheels		

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WHEELS:			
Size	8.0J x 18, cast alloy, ten-spoke V design	standard	
	8.0J x 19, cast alloy, five-arm design	optional	
	8.5J x 20, cast alloy, five-arm design	optional	
	8.5J x 20, cast alloy, five-segment spoke design	optional	
	8.5J x 20, cast alloy, Chrome-clad ten-spoke design	optional	
TIRES:			
Size	235/60 R18 all season tire	standard	
	235/55 R19 all season tire	optional	
	255/45 R20 summer performance tire	optional	
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)		
WARRANTY/MAINTENANCE:			
	4-Year/50,000 mile new vehicle limited warranty		
	12-Month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance		
CAPACITIES:			
	3.2 quattro		
Engine oil	6.6 qt.	6.2 liter	
Fuel tank	19.8 gal.	75 liter	
Cooling system	9.2 qt.	8.7 liter	
EXTERIOR DIMENSIONS:			
	3.2 quattro		
Wheelbase	110.5 in.	2807 mm	
Track:	front / rear	63.7 / 63.5	1617 / 1613
Overall length		182.2 in.	4629 mm
Overall width	mirrors	74.0 / 82.2	1880 / 2089
Height (unloaded)		65.1 in.	1653 mm
Ground clearance (loaded)		7.9 in.	200 mm
Curb weight		4244 lbs.	1925 kg
Drag coefficient	Cw = 0.33	Frontal Area =	= X.XX sq. m.
INTERIOR DIMENSIONS:			
EPA Class	Light Truck		
Seating Capacity	5		
Head room	front / rear	39.4 in.	1000 mm / 39.0 in.
w/sunroof	front / rear	38.1 in.	967 mm / 37.7 in.
Shoulder room	front / rear	57.7 in.	1465 mm / 56.4 in.
Leg room	front / rear	41.0 in.	1041 mm / 37.4 in.
Int. vol. (EPA)	front / rear	53.9 cu. ft.	47.6 cu. ft.
Luggage capacity (EPA)		29.1 cu. ft.	57.3 cu. ft. (2nd row folded)
PERFORMANCE:			
	3.2 quattro		
0-50 mph (0-80kmh)		sec.	
0-60 mph	6.7	sec.	
1/4 mile		sec.	
Top speed	Electronically limited to 130 mph (209 km/h)		
FUEL ECONOMY:			
	2010 EPA figures		
	3.2 quattro		
City	18	mpg	
Highway	23	mpg	
Combined	20	mpg	