



# Audi of America

## Audi Q5 3.2 Technical Specifications

### 2011 Model Year

Technical Specifications				2011 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			
Emission system		Adaptive lambda control, cylinder selective adaptive knock regulation with two sensors			
Emissions level		dual catalytic converters, four oxygen sensors			
		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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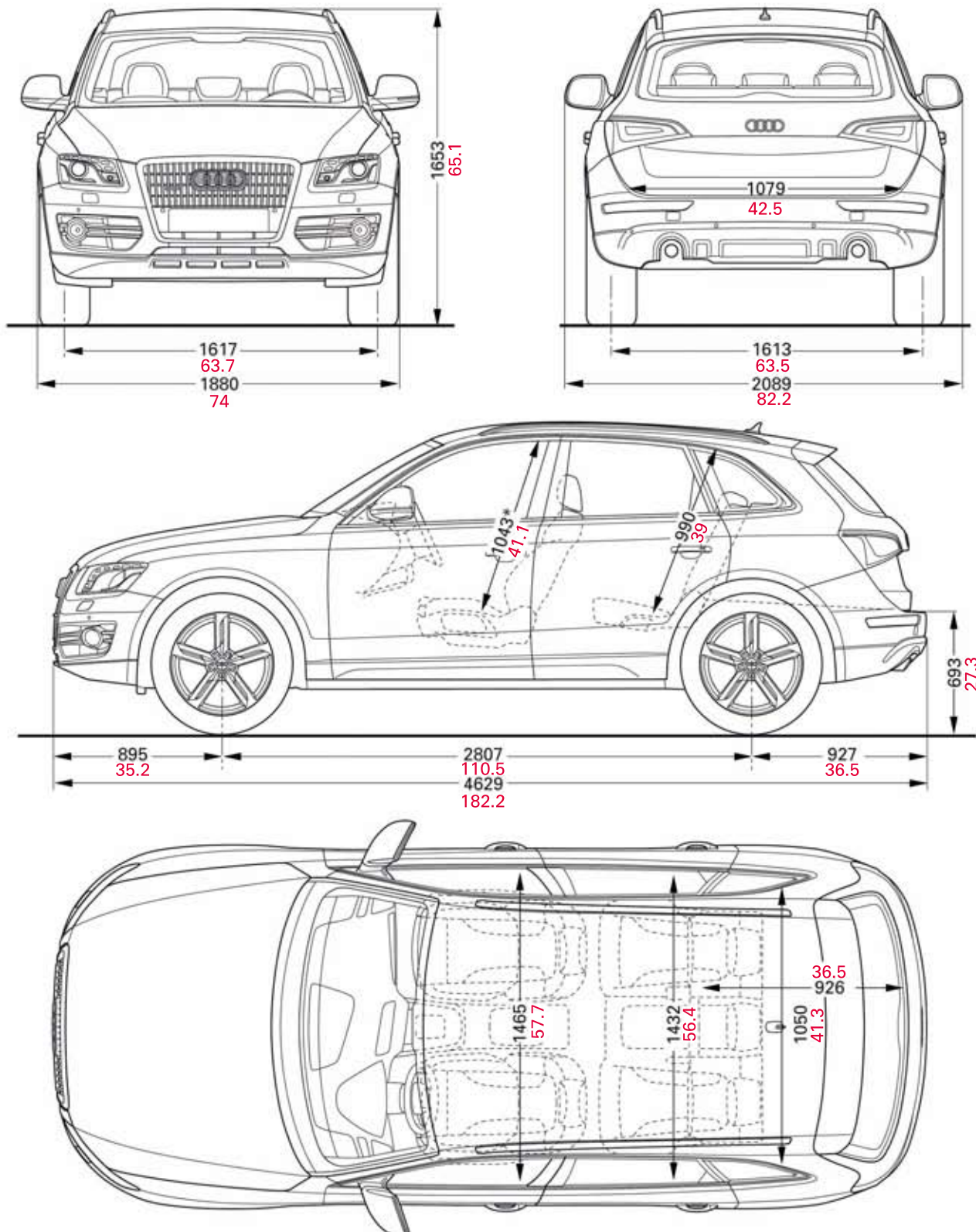
## Audi Q5 3.2 Technical Specifications

### 2011 Model Year

Technical Specifications (continued)				2011 Audi Q5 3.2 FSI			
WHEELS:							
Size		8.0J x 19, cast alloy, five-arm design			standard		
		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		235/55 R19 all season tire			standard		
		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		4,299 lbs.	1950 kg				
Drag coefficient		Cw = 0.33	Frontal Area =		=	2.65 sq. m.	
INTERIOR DIMENSIONS:							
EPA Class		Light Truck					
Seating Capacity		5					
Head room front / rear		39.4 in.	1000 mm	/	39.0 in.	990 mm	
w/sunroof front / rear		38.1 in.	967 mm	/	37.7 in.	958 mm	
Shoulder room front / rear		57.7 in.	1465 mm	/	56.4 in.	1433 mm	
Leg room front / rear		41.0 in.	1041 mm	/	37.4 in.	950 mm	
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					
0-60 mph		6.7 sec.					
Top speed		Electronically limited to 130 mph (209 km/h)					
FUEL ECONOMY:							
		2011 EPA figures					
		3.2 quattro					
City		18 mpg					
Highway		23 mpg					
Combined		20 mpg					

# Audi Q5

Dimensions  
04/08



\* maximum headroom  
Dimensions in millimeters and inches  
Dimensions of vehicle unloaded