



Audi of America

Audi A3 2.0 TFSI Technical Specifications

2011 Model Year

Technical Specifications		2011 Audi A3 2.0 TFSI	
ENGINE:			
Type	Inline four-cylinder gasoline engine with FSI direct injection, exhaust turbocharger with intercooler, four valves per cylinder.		
Arrangement	Front mounted, transverse		
Bore	3.25 in.	82.5 mm	
Stroke	3.65 in.	92.8 mm	
Displacement	121.1 cu. in.	1984 cc	
Compression ratio	9.6:1		
Fuel requirement	Premium unleaded (91 Octane) 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		
Cylinder head	aluminum alloy		
Valve train / intake	DOHC, chain driven, hydraulic lifters		
Firing order	1-3-4-2		
Fuel injection	Electronic engine management, drive-by-wire throttle,		
Emission system	Close-coupled ceramic primary catalytic converter, ceramic secondary catalytic converter		
Emissions level	EU5; PZEV or ULEVII;		
ELECTRICAL SYSTEM:			
Battery	12 volts	60 amp/hr	
Alternator	14 volts	140 amp	
DRIVETRAIN:			
Transmission	Automatic: S tronic 6-speed dual-clutch with electro-hydraulic control Manual: 6-speed manual transmission		
Type	S tronic dual clutch (quattro or front-wheel drive)		6-sp manual trans (front-wheel drive)
		Automatic	Manual
Gear ratios:	1st	3.462	3.357
	2nd	2.15	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	4.059 (1-4th) 3.136 (5,6,rev)	3.944(1-4th) 3.087(5,6,rev)
Front Differential	electronically locking (EDL)		
Center Differential (for quattro)	electronically controlled multi-plate clutch		
Rear Differential (for quattro)	electronically locking (EDL)		
STEERING:			
Type	vehicle speed-sensitive electromechanical power assist		
Ratio	16.2:1		
Turning circle (curb-to-curb)	35.1 ft.	10.7 m	
SUSPENSION:			
Front	McPherson struts with lower wishbones, tubular anti-roll bars, track-stabilizing steering roll radius, aluminum subframe		
Rear	Four-link with separate springs/shocks, tubular anti-roll bar, subframe		
BRAKES:			
System	Dual-circuit brake system with diagonal split, Anti-lock Brake System (ABS), Electronic Brake pressure Distribution (EBD) and Electronic Stabilization Program (ESP); brake booster with dual-rate function		
Front	Ventilated discs, 312 mm		
Rear	Solid discs, 280 mm		
Parking brake	mechanically actuated at the rear wheels		

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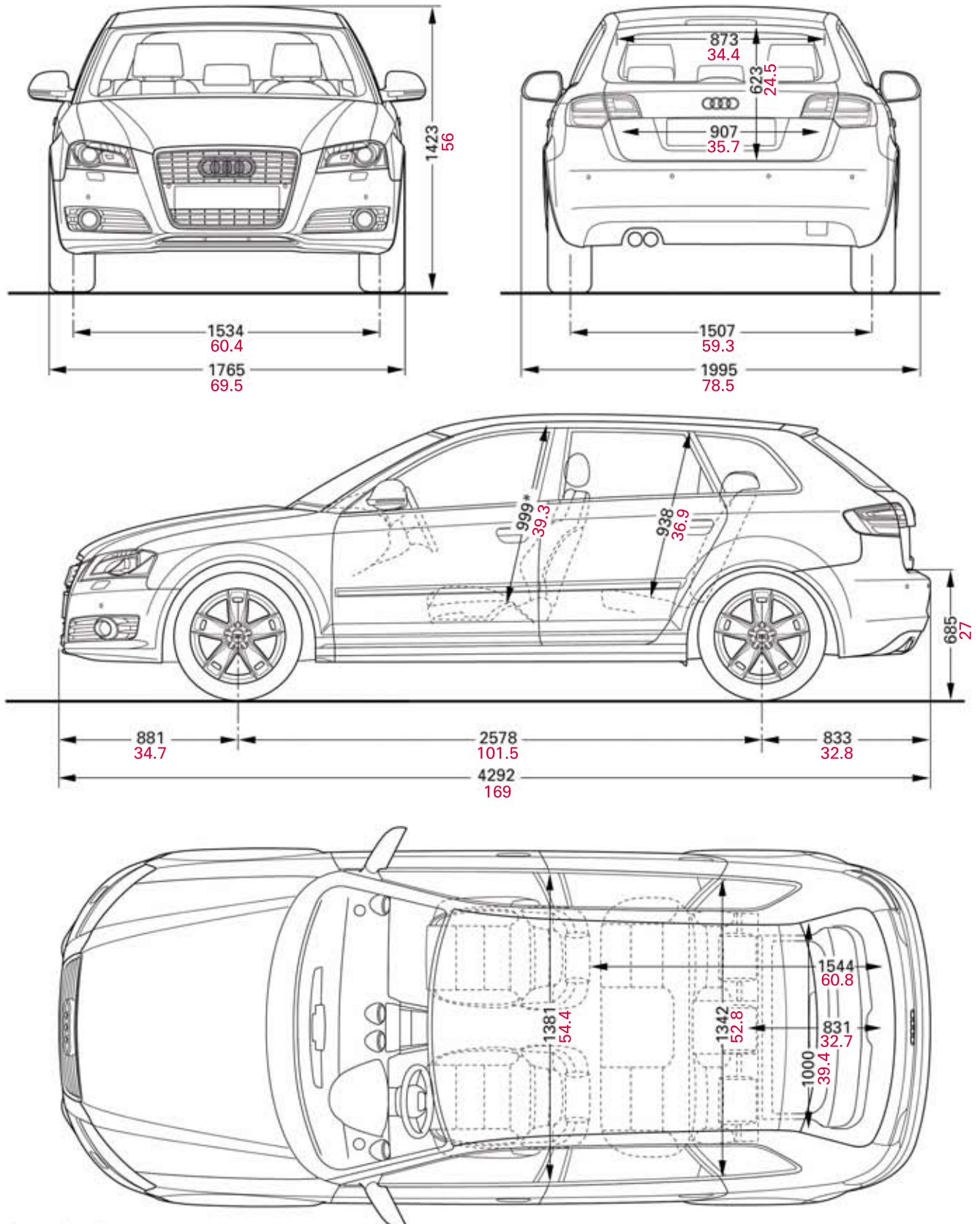
2011 Model Year

Technical Specifications (continued)		2011 Audi A3 2.0 TFSI			
WHEELS:					
Size	7.5X17 alloy	standard			
	7.5X18 alloy	optional			
TIRES:					
Size	225/45 R17 all season	standard			
	225/40 R18 summer performance	optional			
BODY:					
Material	Utilized steel structure				
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)				
CAPACITIES:					
Engine oil	4.86 qt.	4.6 liter			
Fuel tank	14.52 gal.	55 liter (FWD)	15.84 gal.	60 liter (quattro)	
Cooling system	9.08 qt.	8.6 liter			
EXTERIOR DIMENSIONS:					
Wheelbase	101.5 in.	2578 mm			
Track: front / rear	60.3/59.3	1534/1507			
Overall length	168.98 in.	4292 mm			
Overall width mirrors	78.543 in.	1995 mm			
Height (unloaded)	56.024 in.	1423 mm			
Ground clearance (loaded)	4.3307 in.	110 mm			
	FWD Manual Trans		FWD S tronic Trans		quattro S tronic Trans
Curb weight	3219	lbs	3296	lbs	3461 lbs
Drag coefficient	Cw = 0.33	Frontal Area =	=	2.13 sq. m.	
INTERIOR DIMENSIONS:					
EPA Class	Small station wagons				
Seating Capacity	5				
Head room front / rear	39.331 in.	999 mm	/	36.93 in.	938 mm
Shoulder room front / rear	54.37 in.	1381 mm	/	52.83 in.	1342 mm
Leg room front / rear	41.2 in.			34.8 in.	
Int. vol. (EPA)	89 cu. ft.				
Luggage capacity (EPA)	19.5 cu. ft.	39.0 cu. ft. (rear seat folded)			
PERFORMANCE:					
	FWD Manual Trans		FWD S tronic Trans		quattro S tronic Trans
0-60 mph	7.1	sec.	6.9	sec.	6.7 sec.
Top speed	Electronically limited to 130 mph				
FUEL ECONOMY:					
	2011MY EPA data				
	FWD Manual Trans		FWD S tronic Trans		quattro S tronic Trans
City	21	mpg	22	mpg	21 mpg
Highway	30	mpg	28	mpg	28 mpg
Combined	24	mpg	24	mpg	24 mpg



Audi A3

Dimensions
05/08



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