

2012 Audi A4

Technical specifications



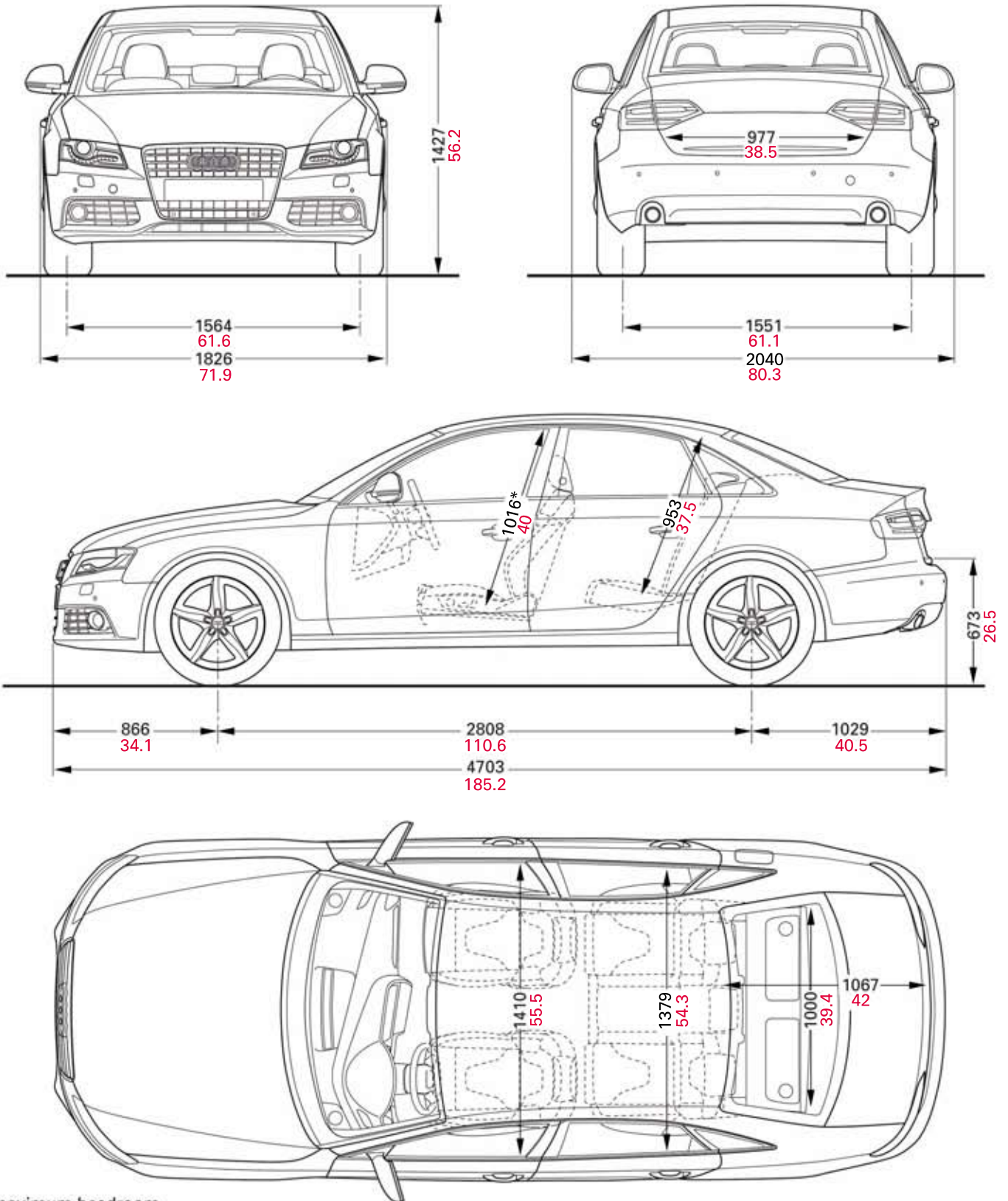
Technical specifications		2012 Audi A4 2.0 TFSI	
ENGINE:			
Type	Inline four-cylinder gasoline engine with FSI® direct injection, exhaust turbocharger with intercooler, four valves per cylinder		
Arrangement	Front mounted, longitudinal		
Bore	3.25 in	82.5 mm	
Stroke	3.65 in	92.8 mm	
Displacement	121.1 cu in	1984 cc	
Compression ratio	9.6:1		
Fuel requirement	Premium unleaded (91 Octane) recommended		
Horsepower (SAE)	211 hp	@ 4,300 rpm	155 kW
Max. torque	258 lb-ft	@ 1,500 rpm	350 nm
ENGINE DESIGN:			
Cylinder block	Cast iron		
Cylinder head	Aluminum-alloy		
Valve train / intake	Audi valvelift system on exhaust valves, DOHC, chain driven, hydraulic lifters		
Turbocharger			
Firing order	1 - 3 - 4 - 2		
Fuel injection / Ignition system	Sequential high-pressure direct injection with adapt. idle speed control, fuel cut-off, adapt. Lambda control, mapped ignition with solid-state high-voltage distribution via single spark coils, cyl.-selective. adapt. knock control, air-mass measurement, integrated boost control		
Emission system	Close-coupled ceramic catalytic converter		
Emissions level	Tier2 BIN5 / ULEV II		
ELECTRICAL SYSTEM:			
	Sedan		Avant
Battery	12 volts	80 amp/hr	12 volts 92 amp/hr
Alternator	14 volts	140 amp	14 volts 140 amp
DRIVETRAIN:			
Transmission	Eight-speed automatic with Tiptronic® with DSP and Sport shift program (quattro®) multitronic® continuously variable transmission with Sport shift program (FrontTrak®)		
Type	Six-speed manual transmission (quattro), hydraulic clutch, twin-mass flywheel		
	quattro Tiptronic	quattro manual	multitronic
	Automatic	Manual	CVT Sport Mode
Gear ratios:			
1st	4.714:1	3.778:1	2.404:1
2nd	3.143:1	2.050:1	1.566:1
3rd	2.106:1	1.321:1	1.140:1
4th	1.667:1	0.970:1	0.885:1
5th	1.285:1	0.811:1	0.701:1
6th	1.000:1	0.692:1	0.566:1
7th	0.839:1	-	0.458:1
8th	0.667:1	-	0.382:1
Reverse	3.317:1	3.333:1	2.919:1
Final drive	2.848:1	3.693:1	5.175:1
Front differential	Hypoid gear, electronically locking (EDL)		
Center differential (quattro)	Self-locking differential providing automatic and variable front to rear power proportioning		
Rear differential (quattro)	Hypoid gear, electronically locking (EDL)		
STEERING:			
Type	Servotronic, speed-sensitive power rack and pinion, maintenance-free		
Ratio	16.3:1		
Turning circle (curb-to-curb)	37.7 ft	11.5 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		

Technical specifications (continued)		2012 Audi A4 2.0 TFSI			
WHEELS:					
Size	8.0J x 17, ten-spoke-Star-design			standard	
	8.0J x 18, five-spoke-Star-design			optional	
	8.0J x 18, ten-spoke-design, Audi exclusive			optional	
	8.0J x 18, five-spoke-design, Audi exclusive			optional	
	8.5J x 19, five-arm-Rotor-design wheels, Titanium finish			optional	
TIRES:					
Size	245/45 R17 all-season tires			standard	
	245/40 R18 all-season tires			optional	
	245/40 R18 summer tires			optional	
	255/35 R19 summer tires			optional	
BODY:					
Material	Unitized steel structure with integrated aluminum and magnesium components				
Corrosion protection	All steel parts are 100% dual-side zinc-galvanized (twelve-year limited warranty against corrosion perforation)				
WARRANTY/MAINTENANCE:					
Four-year/50,000 mile new vehicle limited warranty					
Twelve-month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance					
CAPACITIES:					
2.0T quattro					
Engine oil	4.8 qt	4.6 liter			
Fuel tank	16.9 gal	64 liter			
EXTERIOR DIMENSIONS:					
		Sedan		Avant	
Wheelbase		110.6 in	2808 mm	110.6 in	2808 mm
Track:	front / rear	61.6 / 61.1	1564 / 1551	61.6 / 61.1	1564 / 1551
Overall length		185.2 in	4703 mm	185.2 in	4703 mm
Overall width	mirrors	71.9 / 80.3	1826 / 2040	71.9 / 80.3	1826 / 2040
Height (unloaded)		56.2 in	1427 mm	56.5 in	1436 mm
Ground clearance (loaded)		n/a in	n/a mm	n/a in	n/a mm
Curb weight		3,704 lb	1680 kg	3,616 lb	1644 kg
Drag coefficient		Cw = 0.28 Frontal Area = 2.2 sq m		Cw = 0.33 Frontal An 2.2 sq m	
INTERIOR DIMENSIONS:					
EPA class	Passenger car				
Seating capacity	Five				
		Sedan		Avant	
Headroom (sunroof)	front / rear	40.0 in	1016 mm	37.5 in	953 mm
w/ sunshade	front / rear	38.6 in	980 mm	37.5 in	953 mm
Shoulder room	front / rear	55.5 in	1410 mm	54.3 in	1379 mm
Leg room	front / rear	41.3 in	1049 mm	35.2 in	894 mm
Int. vol. (EPA)					
Luggage capacity (EPA)	12.4 cu ft		34.0 cu ft (2nd row folded)		27.6 cu ft
PERFORMANCE:					
		Sedan quattro Tiptronic		Sedan quattro manual	
0-60 mph		6.3	sec	6.5	sec
Top speed		Electronically limited to 130 mph (209 km/h)			
FUEL ECONOMY:					
2012 EPA figures					
		Sedan quattro Tiptronic		Sedan quattro manual	
City		21	mpg	21	mpg
Highway		29	mpg	31	mpg
Combined		24	mpg	25	mpg
		Sedan FrontTrak multitronic		Avant quattro Tiptronic	
City		22	mpg	21	mpg
Highway		30	mpg	29	mpg
Combined		25	mpg	24	mpg

Audi A4



Dimensions

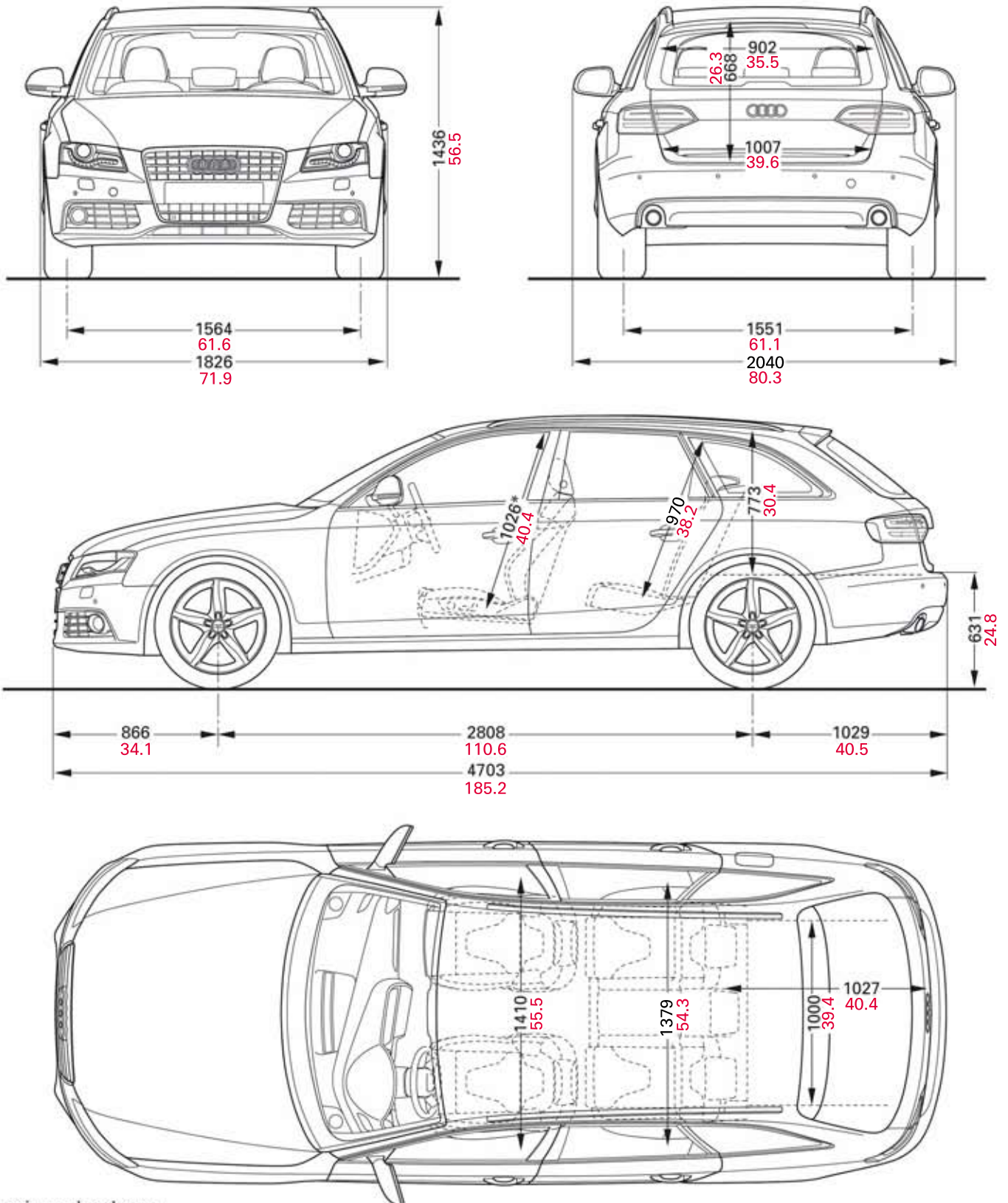


* maximum headroom
Dimensions in millimeters and inches
Dimensions of vehicle unloaded



Audi A4 Avant

Dimensions



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