

# 2012 Audi A5

## Technical specifications



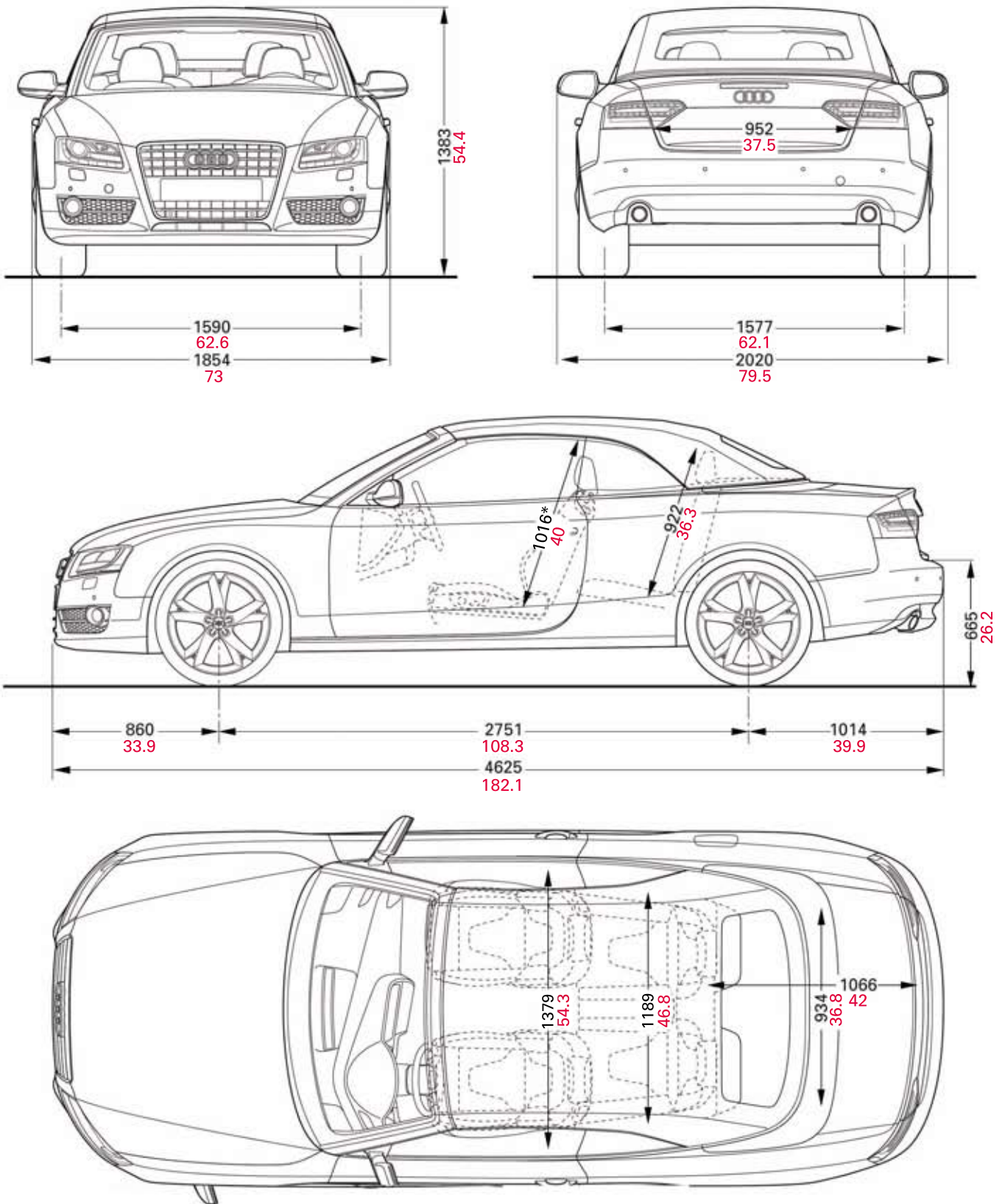
Technical specifications		2012 Audi A5 2.0 TFSI
<b>ENGINE:</b>		
Type	Inline four-cylinder gasoline engine with FSI® direct injection, exhaust turbocharger with intercooler, four valves per cylinder	
Arrangement	Front mounted, longitudinal	
Bore	3.25 in	82.5 mm
Stroke	3.65 in	92.8 mm
Displacement	121.1 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
<b>ENGINE DESIGN:</b>		
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	
<b>ELECTRICAL SYSTEM:</b>		
Battery	12 volts	80 amp/hr
Alternator	14 volts	140 amp
<b>DRIVETRAIN:</b>		
Transmission	Eight-speed automatic with Tiptronic® with DSP and Sport shift program (quattro®) multitronic® continuously variable transmission with Sport shift program (FrontTrak®) Six-speed manual transmission (quattro)	
Type	<b>quattro Tiptronic</b>	<b>quattro manual</b> <b>multitronic</b>
	Automatic	Manual      CVT Sport Mode
Gear ratios:	1st	4.714:1      3.778:1      2.404:1
	2nd	3.143:1      2.050:1      1.556:1
	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)	
<b>STEERING:</b>		
Type	Servotronic, speed-sensitive power rack and pinion, maintenance-free	
Ratio	16.3:1	
Turning circle (curb-to-curb)	37.4 ft	11.4 m
<b>SUSPENSION:</b>		
Front	Front five-link independent steel spring suspension	
Rear	Rear trapezoidal-link independent steel spring suspension	
<b>BRAKES:</b>		
	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 A5 2.0 TFSI		
<b>WHEELS:</b>				
Size	8.5Jx18 ten-spoke-V-design	standard (coupe)		
	8.5Jx18 15-spoke-Star-design	standard (cabriolet)		
	8.5Jx19 five-arm-Y-design	optional		
	9.0Jx19 five-arm-Rotor-design, Titanium finish	optional (coupe only)		
<b>TIRES:</b>				
Size	245/40 R18 all-season tires	standard		
	255/35 R19 summer tires	optional		
<b>BODY:</b>				
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)			
<b>WARRANTY/MAINTENANCE:</b>				
	Four-year/50,000 mile new vehicle limited warranty			
	Twelve-month/5,000 mile (whichever occurs first) NO CHARGE first scheduled maintenance			
<b>CAPACITIES:</b>				
	<b>2.0T quattro</b>			
Engine oil	4.8 qt	4.6 liter		
Fuel tank	16.9 gal	64 liter		
<b>EXTERIOR DIMENSIONS:</b>				
	<b>Coupe</b>		<b>Cabriolet</b>	
Wheelbase	108.3 in	2751 mm	108.3 in	2751 mm
Track: front / rear	62.6 / 62.1	1590 / 1577	62.6 / 62.1	1590 / 1577
Overall length	182.1 in	4625 mm	182.1 in	4625 mm
Overall width mirrors	73.0 / 79.5	1854 / 2020	73.0 / 79.5	1854 / 2020
Height (unloaded)	54 in	1372 mm	54.4 in	1383 mm
Ground clearance (loaded)	n/a in	n/a mm	n/a in	n/a mm
Curb weight	3,583 lb	1625 kg	3,682 lb	1760 kg
Drag coefficient	Cw = 0.30	Frontal Area = 2.2 sq m	Cw = 0.31	Frontal Area = 2.2 sq m
<b>INTERIOR DIMENSIONS:</b>				
EPA class	Four			
Seating capacity	<b>Coupe</b>		<b>Cabriolet</b>	
Headroom (sunroof) front / rear	39.1 in	993 mm	36.0 in	914 mm
w/ sunshade front / rear	37.9 in	963 mm	n/a in	n/a mm
Shoulder room front / rear	54.3 in	1379 mm	52.8 in	1341 mm
Leg room front / rear	41.3 in	1049 mm	31.7 in	805 mm
Int. vol. (EPA)				
Luggage capacity (EPA)	12.4 cu ft	cu ft (2nd row folded)	10.2 cu ft	cu ft. (2nd row folded)
<b>PERFORMANCE:</b>				
0-60 mph	<b>Coupe quattro Tiptronic</b>		<b>Coupe quattro manual</b>	
Top speed	6.2 sec	6.4 sec	<b>Cab FrontTrak multitronic</b>	
	Electronically limited to 130 mph (209 km/h)			
<b>FUEL ECONOMY:</b>				
	2012 EPA figures			
	<b>Coupe quattro Tiptronic</b>		<b>Coupe quattro manual</b>	
City	21 mpg	21 mpg	<b>Cab FrontTrak multitronic</b>	
Highway	29 mpg	31 mpg	<b>Cab quattro Tiptronic</b>	
Combined	24 mpg	25 mpg	25 mpg	24 mpg

# Audi A5 Cabriolet



## Dimensions



\* maximum headroom

Dimensions in millimeters and inches

Dimensions of vehicle unloaded