

2012 Audi A5

Technical specifications



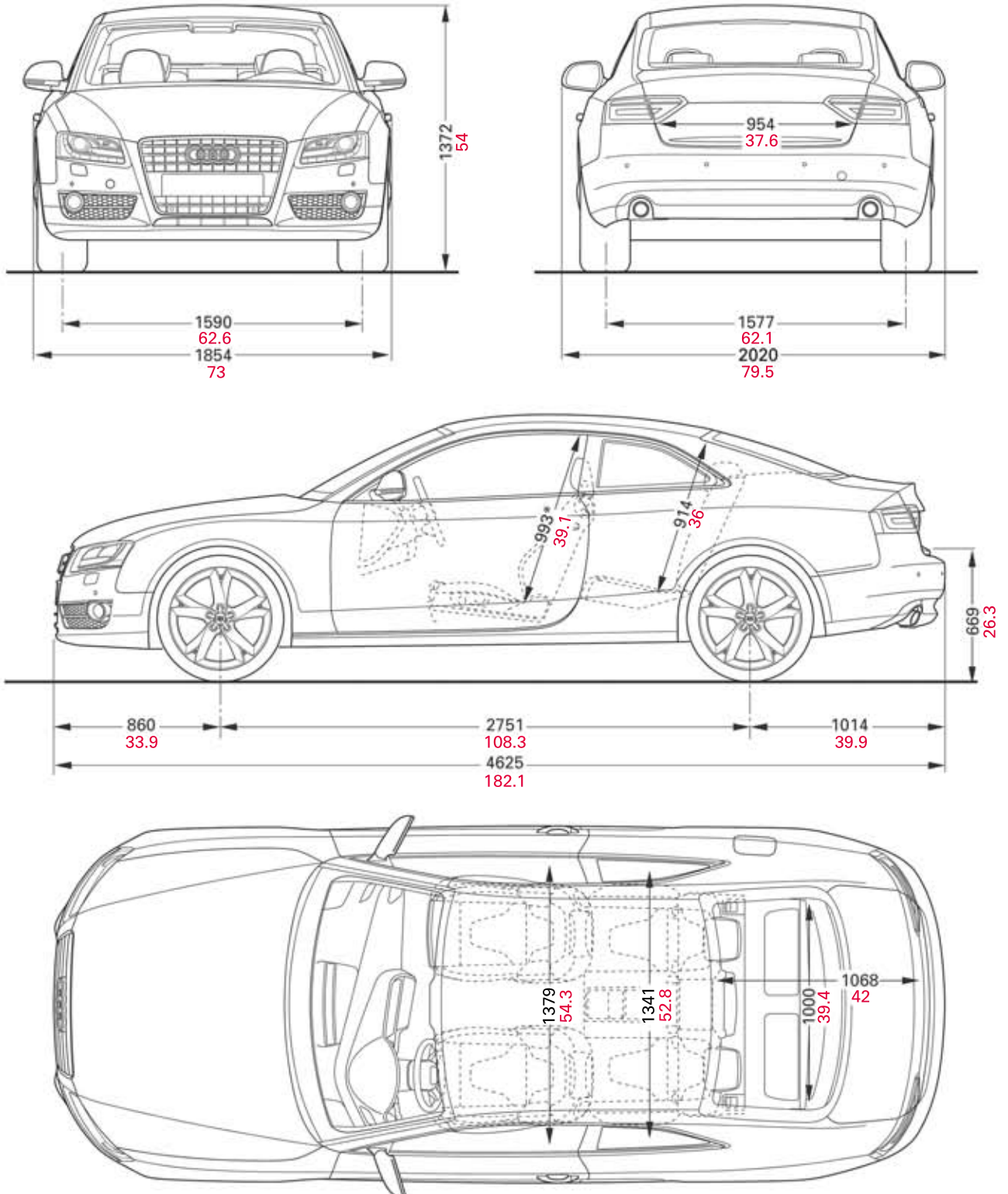
Technical specifications		2012 Audi A5 2.0 TFSI
ENGINE:		
Type	Inline four-cylinder gasoline engine with FSI® direct injection, exhaust turbocharger with intercooler, four valves per cylinder	
Arrangement	Front mounted, longitudinal	
Bore	3.25 in	82.5 mm
Stroke	3.65 in	92.8 mm
Displacement	121.1 cu in	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:		
Battery	12 volts	80 amp/hr
Alternator	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®) Six-speed manual transmission (quattro)	
Type	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 1.556:1
	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)	
STEERING:		
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
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 A5 2.0 TFSI		
WHEELS:				
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)		
TIRES:				
Size	245/40 R18 all-season tires	standard		
	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:				
	Coupe		Cabriolet	
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
INTERIOR DIMENSIONS:				
EPA class	Four			
Seating capacity	Coupe		Cabriolet	
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)
PERFORMANCE:				
0-60 mph	Coupe quattro Tiptronic		Coupe quattro manual	
Top speed	6.2 sec		6.4 sec	
	Electronically limited to 130 mph (209 km/h)			
FUEL ECONOMY:				
	2012 EPA figures			
	Coupe quattro Tiptronic		Coupe quattro manual	
City	21 mpg		22 mpg	
Highway	29 mpg		30 mpg	
Combined	24 mpg		25 mpg	

Audi A5



Dimensions



* maximum headroom

Dimensions in millimeters and inches

Dimensions of vehicle unloaded