

2012 Audi TT RS

Technical specifications



Technical specifications		2012 Audi TT RS six-speed manual quattro	
ENGINE:			
Type	2.5 liter turbocharged, in-line five-cylinder, spark-ignition engine with TFSI® direct injection, four valves per cylinder, double overhead camshafts [DOHC], turbocharger with intercooler		
Arrangement	Front mounted, transverse		
Bore	3.25 in	82.5 mm	
Stroke	3.65 in	92.8 mm	
Displacement	151 / 3.25 / 3.65 2480 / 82.5 x 92.8		
Compression ratio	10:01		
Fuel requirement	Unleaded Super, 95 RON (unleaded regular, 91 RON, as an alternative with slight reduction in performance)		
Horsepower (SAE)	360 hp	@ 5,500 - 6,700 rpm	265 kW
Max. torque	343 lb-ft	@ 1,650 - 5,400 rpm	465 Nm
ENGINE DESIGN:			
Cylinder block	Cast iron		
Crankshaft			
Cylinder head	Aluminum		
Valve train / intake	DOHC, four valves/cylinder		
Firing order			
Lubrication system			
Fuel injection / Ignition system			
Emission system			
ELECTRICAL SYSTEM:			
Battery	380 amp		80 amp/hr
Alternator	140 amp		
DRIVETRAIN:			
Transmission	Six-speed manual, fully synchronized		
Type			
Gear ratios:	1st	3.570	
	2nd	2.160	
	3rd	1.890	
	4th	1.430	
	5th	1.160	
	6th	0.097	
	Reverse	4.500	
Front differential			
Center differential			
Rear differential			
STEERING:			
Type	Electromechanical steering with speed-dependent power assistance		
Ratio	16.9 : 1		
Turns (lock-to-lock)	2.9		
Turning circle (curb-to-curb)	35.96 ft	10.96 m	
SUSPENSION:			
Front	Mac Pherson strut (gas charged) with aluminum three-point lower control arm, aluminum sub frame, tubular anti-roll bar, track-stabilizing steering roll radius		
Rear	Four-link rear suspension with separate spring/shock absorber arrangement, sub frame, aluminum wheel mounts, tubular anti-roll bar		
BRAKES:			
Service brake	Dual-circuit brake system with diagonal split, ESP, hydraulic brake assistant, front and rear disc brakes ventilated		
Front size	14.6 in	370 mm	
Rear size	12.2 in	310 mm	
Parking brake	Mechanically actuated at the rear wheels		

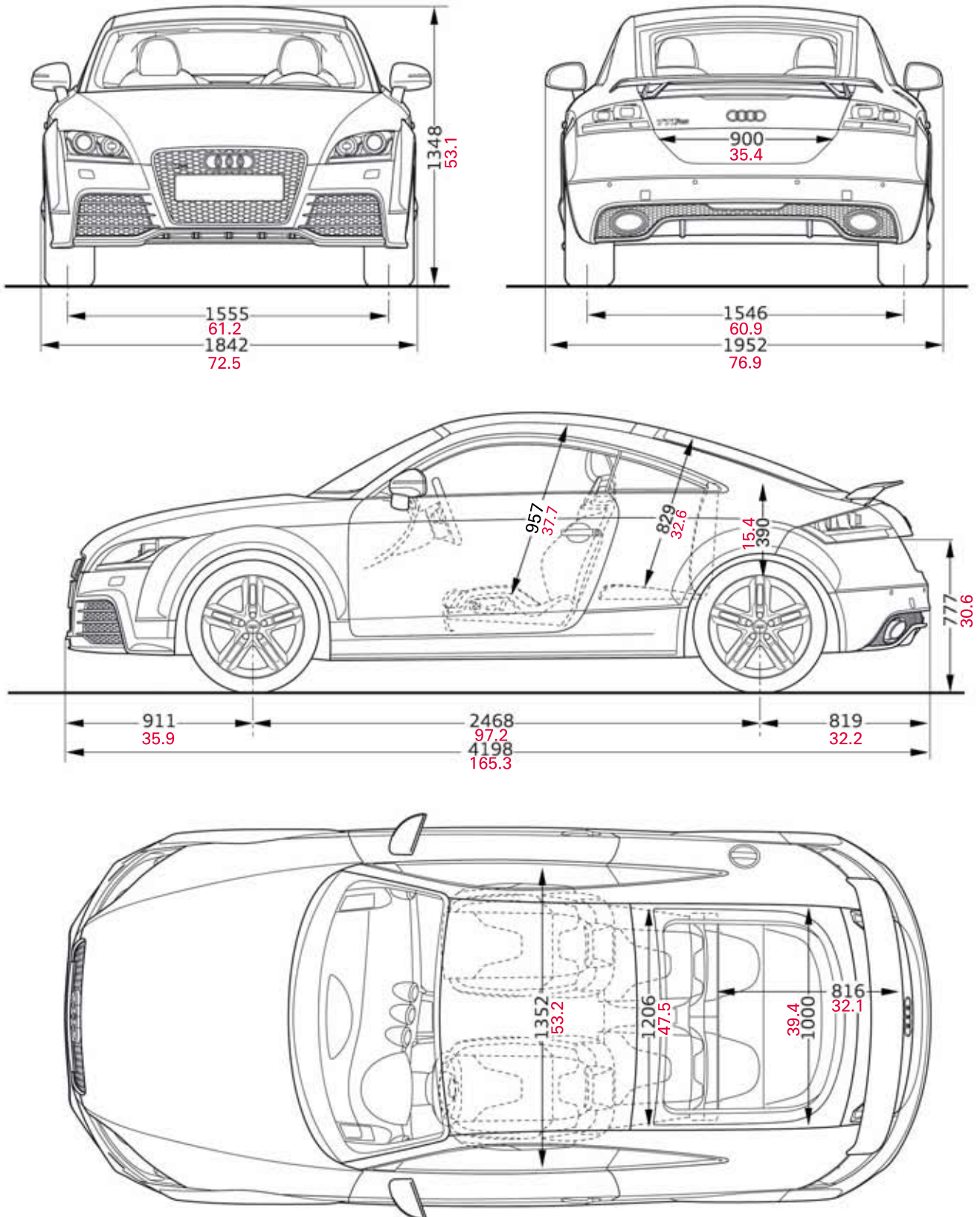
Technical specifications (cont.)
2012 Audi TT RS six-speed manual quattro

WHEELS (standard only):			
Size	Aluminum, 9Jx19		
TIRES (standard only):			
Size	255/35 R19 Y		
BODY:			
Material	Audi ASF® space frame: Lightweight construction concept which is a mixed construction using aluminium and steel		
Corrosion protection	Multi-step anti-corrosion protection		
CAPACITIES:			
Engine oil	6.9 qt	6.5 liter	
Fuel tank	15.90 gal	60 liter	
EXTERIOR DIMENSIONS:			
Wheelbase	97.2 in	2,468 mm	
Track front / rear	61.2/ 60.9 in	1,555/ 1,546 mm	
Overall length	165.3 in	4,198 mm	
Overall width w/o mirrors	72.5 in	1,842 mm	
Height	53.1 in	1,348 mm	
Curb weight: quattro	3,306 lb	1500 kg	
Distribution front / rear [%]			
Drag coefficient	TT RS Coupe: 0.32		
INTERIOR DIMENSIONS:			
Seating capacity	2 + 2		
Head room	front / rear	37.7/ 32.6 in	957/ 829 mm
Shoulder room	front / rear	53.2/ 47.5 in	1,352/ 1,206 mm
Leg room	front / rear	41.1/ 29.3 in	1,044/ 743 mm
Int. vol. (EPA)	front / rear	47.7/ 26.2 cu ft	
Luggage capacity	std / seats folded	13.1/ 24.7 cu ft	290/ 700 Liters
PERFORMANCE:			
0-60 mph	4.1		
1/4 mile	n/a		
Top speed	174		
EFFICIENCY/ENVIRONMENT:			
Emission class			
	EPA estimate		
City	mpg	Not available at present time	
Highway	mpg	Not available at present time	
Combined	mpg	Not available at present time	

Audi TT RS Coupe



Dimensions



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