

Technical Data – Audi TT RS plus Coupé 2.5 TFSI quattro (265 kW)

Program for Germany

Status: March 2012

Engine / electronics	
Engine type	Inline five-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger with intercooler, four valves per cylinder, double overhead camshafts (DOHC)
Valve gear / number of valves per cylinder	Continuous intake and exhaust camshaft adjustment / 4
Displacement in cc	2480 / 82.5 x 92.8 / 10 : 1
Max. power output in kW (hp) / at rpm	265 (360) / 5500-6700
Max. torque in Nm (lb-ft) / at rpm	465 (342.97) / 1650 - 5400
Mixture preparation	MED 9.1.2
Exhaust emission control	2-branch exhaust system with 1 close-coupled primary catalytic converter, 2 underfloor catalytic converters, 1 x LSU upstream of primary cat, 1 x LSF downstream of underfloor cat, continuous, cylinder-selective oxygen sensor control
Emissions class	EU 5
Alternator in A / battery in A/Ah	140 / 380/80
Drivetrain / transmission	
Drive type	quattro permanent all-wheel drive with electronically controlled multi-plate clutch, electronic differential lock EDL
Clutch	Hydraulically operated single-plate dry clutch with asbestos-free and lead-free linings
Transmission type	6-speed manual transmission, synchromesh on all gears
Gear ratio in 1st gear / 2nd gear	3.57 / 2.16
Gear ratio in 3rd gear / 4th gear	1.89 / 1.43
Gear ratio in 5th gear / 6th gear	1.16 / 0.97
Reverse gear / final drive ratio	4.5/ I: 3.765 for 1st + 2nd, II: 2.909 for 3rd - 6th, III: 3.200 for reverse
Suspension / steering / brakes	
Front suspension	McPherson struts with aluminum lower wishbones, aluminum pivot bearings, aluminum subframe, anti-roll bar, track-stabilizing steering roll radius
Rear suspension	Four-link rear suspension with separate spring/shock absorber arrangement, subframe, aluminum wheel carriers, anti-roll bar
Steering / steering ratio / turning circle in meters (D102) (feet)	Electromechanical steering with speed-dependent power assist / steering wheel turns lock to lock: 2.9; Steering ratio: 16.9 / turning circle (D102): 10.96 (35.96)
Brake system	Dual-circuit brake system with diagonal split, electronic stabilization control ESC, hydraulic brake assist, disk brakes ventilated at front and rear; brake system: 18"/17"
Wheels / tires	9Jx18 aluminum wheels, offset: 52; tires: 245/40 R18 93Y
Performance / consumption / acoustics	
Top speed in km/h (mph)	280 (173.98)
Acceleration, 0-100 km/h (0-62.14 mph) in sec	4.3
Fuel / octane value	Premium sulfur-free 98 RON according to EN 228
Fuel consumption: city / highway / combined, l/100 km (US mpg)	12.6 (18.67) / 6.8 (34.59) / 9.0 (26.13)
CO ₂ mass emission, g/km (g/mile)	294 (473.15) / 159 (255.89) / 209 (336.35)
Idling / drive-past exterior noise level in dB (A)	87 / 73
Servicing / guarantee (Germany)	
LongLife Service after max. km (miles)	According to service indicator up to 30,000 (18,641.14) or max. 2 years
Vehicle / paint / rust perforation guarantee	2 years with unlimited mileage / 3 years / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	14 / 25 / 27
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (pounds)	1450 (3196.70) / 1525 (3362.05) / 1850 (4078.55)
Axle load limit at front / rear in kg (pounds)	1040 (2292.81) / 870 (1918.02)
Trailer load limit on 8% / 12% gradient, braked / unbraked; in kg (pounds)	- / - / -
Roof load limit / permissible nose weight; in kg (pounds)	-
Capacities	
Engine oil capacity (including filter) in liters (US quarts)	6.5 (6.87)
Fuel tank capacity in liters (US gallons)	60 (15.85)
Body / dimensions	
Body type / number of doors / seats	Audi Space Frame (ASF) / 2 / 2 + 2
Drag coefficient Cd / frontal area A in m ² (square feet)	0.32 / 2.09 (22.50)
Length (L103) / width excluding mirrors (W103) / height (H101-M), mm (feet)	4198 (13.77) / 1842 (6.04) / 1342 (4.40)
Wheelbase (L101) / track at front/rear (W101-1/W101-2), mm (feet)	2468 (8.10) / 1555 (5.10) / 1546 (5.07)
Height of loading lip in mm (H196) (feet)	780 (2.56)
Luggage capacity in liters (cubic feet), according to VDA block method (V211) / rear seat bench folded	292 (10.31) / 700 (24.72)