

Technical Data – Audi TT Coupé 2.0 TFSI (169 kW)

Program for Germany

Status: August 2014

Engine / electronics	
Engine type	Inline four-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger with intercooler, four-valve technology, double overhead camshafts (DOHC)
Valve gear / number of valves per cylinder	Chain drive, two-stage valvelift system (AVS), continuous intake and exhaust camshaft adjustment / 4
Displacement in cc / bore x stroke in mm / compression	1984 / 82.5 x 92.8 / 9.6
Max. power output in kW (hp) / at rpm	169 (230) / 4500 - 6200
Max. torque in Nm (<i>lb-ft</i>) / at rpm	370 (272.9) / 1600 - 4300
Mixture preparation	Fully electronic engine management with drive-by-wire throttle control, combined direct and manifold injection, adaptive lambda control, mapped ignition with solid-state high-voltage distribution, cylinder-selective adaptive knock control
Exhaust emission control	Close-coupled ceramic catalytic converter, oxygen sensor before the turbine (cylinder-selective detection)
Emissions class	EU 6
Alternator in A / battery in A/Ah	140 / 420/75
Start-stop system	Switches the engine off if the vehicle is stationary and no gear is engaged.
Drivetrain / transmission	
Drive type	Front-wheel drive
Clutch	Hydraulically operated single-plate dry clutch
Transmission type	6-speed manual transmission, synchromesh on all gears
Gear ratio in 1st gear / 2nd gear	3.769 / 2.087
Gear ratio in 3rd gear / 4th gear	1.481 / 1.152
Gear ratio in 5th gear / 6th gear	1.167 / 0.970
Reverse gear / final drive ratio	4.549 / 1st - 4th gear 3.238 / 5th - 6th and reverse gear 2.615
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, tubular anti-roll bar
Steering / steering ratio / turning circle in meters (D102) (<i>ft</i>)	Electromechanical steering with speed-dependent power assistance / 14.6 / 10.96 (36.0)
Brake system	Dual-circuit brake system with diagonal split, ESC with torque vectoring, hydraulic brake assist; brake system: 16"/16"; brake disk diameter front / rear: 312 / 300; disk brakes ventilated at front
Wheels / tires (base)	Wheels: forged wheel 8.0Jx17 offset 47 / tires: 225/50 R17 94W
Performance / fuel / acoustics	
Top speed in km/h (<i>mph</i>)	250 (155.3)
Acceleration, 0-100 km/h (0-62.1 <i>mph</i>) in sec	6.0
Fuel / octane value	Premium unleaded / 95 RON
Idling / drive-past exterior noise level in dB (A)	93 / 75
Consumption / emissions (according to tire size)	
Tire group 1: 17-inch to 19-inch	
Fuel consumption: city / highway / combined in l/100 km (<i>US mpg</i>)	7.3 (32.2) / 5.0 (47.0) / 5.9 (39.9)
CO ₂ emissions city / highway / combined; in g/km (<i>g/mi</i>)	170 (273.6) / 116 (186.7) / 137 (220.5)
Tire group 2: 20-inch	
Fuel consumption: city / highway / combined in l/100 km (<i>US mpg</i>)	7.4 (31.8) / 5.1 (46.1) / 6.0 (39.2)
CO ₂ emissions city / highway / combined; in g/km (<i>g/mi</i>)	172 (276.8) / 118 (189.9) / 139 (223.7)
Servicing / guarantee (Germany)	
Service inspection after max. km (<i>mi</i>)	According to service indicator up to 30,000 km (18,641.1) (max. 2 years)
Vehicle / paint / rust perforation guarantee	2 years with unlimited mileage / 6 years / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	15 / 23 / 23
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (<i>lb</i>)	1230 (2711.7) / 1305 (2877.0) / 1630 (3593.5)
Axle load limit at front / rear in kg (<i>lb</i>)	940 (2072.3) / 775 (1708.6)
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg (<i>lb</i>)	- / - / -
Roof load limit / permissible nose weight in kg (<i>lb</i>)	75 (165.3) / -
Capacities	
Cooling system capacity (incl. heating) in liters (<i>US gal</i>)	9 (2.4)
Engine oil capacity (including filter) in liters (<i>US qt</i>)	5.7 (6.0)
Fuel tank capacity in liters (<i>US gal</i>)	50 (13.2)
Body / dimensions	
Body type / number of doors / seats	Audi Space Frame (ASF) in hybrid construction / 2 / 2 + 2
Drag coefficient Cd / frontal area A in m ² (<i>sq ft</i>)	0.30 / 2.09 (22.5)
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm (<i>ft</i>)	4177 (13.7) / 1832 (6.0) / 1353 (4.4)
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm (<i>ft</i>)	2505 (8.2) / 1572 (5.2) / 1552 (5.1)
Height of loading lip (H196) in mm (<i>ft</i>)	813 (2.7)
Luggage compartment volume / with rear seat bench folded; in liters (<i>cu ft</i>)	305 (10.8) / 712 (25.1)