

Technical Data – Audi TT RS Roadster 2.5 TFSI

Program for Australia

Status: May 2017

Engine / electronics	
Engine type	inline five-cylinder petrol with direct fuel injection and turbo charging
Valve gear / number of valves per cylinder	continuous intake and exhaust camshaft adjustment / 4
Displacement in cc / bore x stroke in mm / compression	2480 / 82.5 x 92.8 / 10:1
Max. power output in kW / at rpm	294 / 5850 - 7000
Max. torque in Nm / at rpm	480 / 1700 - 5850
Mixture preparation	MED 17.1.62
Exhaust emission control	dual-branch exhaust system with one close-coupled primary catalytic converter, one LSU upstream of primary cat, one LSF downstream of primary cat, continuous lambda control
Emissions class	EU6
Alternator in A / battery in A/Ah	140 (recuperation capability) / 420 / 75
Start-stop system	switches the engine off if the vehicle is stationary and the brake is engaged
Drivetrain / transmission	
Drive type	quattro permanent all-wheel drive with electronically controlled multi-plate clutch, Electronic Differential Lock (EDL)
Clutch	dual-clutch made up of two wet multidisk clutches
Transmission type	7-speed S tronic direct-shift transmission
Gear ratio in 1st gear / 2nd gear	3.563 / 2.526
Gear ratio in 3rd gear / 4th gear	1.679 / 1.022
Gear ratio in 5th gear / 6th gear	0.788 / 0.761
Gear ratio in 7th gear / 8th gear	0.635
Reverse gear / final drive ratio	2.789/ I: 4.059 for 1st, 4th, 5th + reverse, II: 3.450 for 2nd, 3rd, 6th + 7th
Suspension / steering / brakes	
Front suspension	MacPherson struts with forged aluminum lower wishbones, aluminum pivot bearings, aluminum subframe, tubular 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 m (D102)	electromechanical progressive steering with speed-dependent power assistance / 14.6 / 10.96
Brake system	dual-circuit brake system with diagonal split, Electronic Stabilisation Control (ESC), hydraulic brake assist, disc brakes (370 x 34 mm) at front, round, perforated, ventilated, ceramic disc optional; monobloc disc at rear (310 x 22 mm); brake system: 19-inch with 8-piston fixed caliper / 17-inch with single-piston floating caliper
Wheels / tyres (basic)	20 inch alloy wheels with 255/30 ZR 20 tyres
Performance / fuel / acoustics	
Top speed in km/h	250, optionally 280
Acceleration, 0-100 km/h in s	3.9
Fuel type / octane value	Super Plus sulfur-free 98 RON according to EN 228 / 98 RON
Idling / drive-past exterior noise level in dB (A)	90 / 74
Consumption / emissions	
20 inch alloy wheels	255/30 ZR20
Fuel consumption: city / highway / combined, in l/100 km	11.5 / 6.9 / 8.6
CO ₂ mass emission city / highway / combined, in g/km	264 / 156 / 196
Servicing / Warranty (Australia)	
Scheduled service intervals	15,000km or 12 months, whichever comes first
Vehicle / paint / rust perforation warranty	unlimited kilometres up to 3 years / 3 years / 12 years
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg	1530 / 1605 / 1850
Axle load limit at front / rear in kg	1070 / 860
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg	- / - / -
Roof load limit / permissible nose weight in kg	- / -
Capacities	
Cooling system capacity (incl. heating) in l	9.1
Engine oil capacity (including filter) in l	7.1
Fuel tank capacity in l	55
Body / dimensions	
Body type / number of doors / seats	Audi Space Frame (ASF) in hybrid construction / 2 / 2
Drag coefficient Cd / frontal area A in m ²	0.33 / 2.09
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm	4191 / 1832 / 1345
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2505 / 1564/ 1543
Height of loading lip (H196) in mm	803
Luggage capacity / with rear seat bench folded in l	280 / -