

Technical Data – Audi Q5 2.0 TDI quattro S tronic (140 kW)

Program for Australia

Status: April 2017

Engine / electronics	
Engine type	4-cylinder inline diesel engine with common rail injection system and turbocharging
Valve gear / number of valves per cylinder	Cam follower with hydraulic valve (play) compensation/ 4
Displacement in cc / bore x stroke in mm / compression	1968 / 81.0 x 95.5 / 15.5
Max. power output in kW/ at rpm	140 / 3800 - 4200
Max. torque in Nm / at rpm	400 / 1750 - 3000
Mixture preparation	common rail injection system, 2000 bar with solenoid injectors, direct injection, eight-hole nozzles, VTG turbocharger with indirect intercooler; swirl and tangential intake ports; volume, injection start, charge pressure, low-pressure and high-pressure EGR control
Exhaust emission control	oxidizing catalytic converter, SCR catalytic converter, water-cooled exhaust gas recirculation, coated maintenance-free diesel particulate filter
Emissions class	EU 6
Alternator in A / battery in A/Ah	110-150 / 420/75
Start-stop system	Switches the engine off if the vehicle is stationary and the brake is engaged
Drivetrain / transmission	
Drive type	quattro with ultra technology
Clutch	Hydraulically operated wet dual clutch axially arranged, dual-mass flywheel with centrifugal pendulum
Transmission type	7-speed dual-clutch transmission
Gear ratio in 1st gear / 2nd gear	3.188 / 2.190
Gear ratio in 3rd gear / 4th gear	1.517 / 1.057
Gear ratio in 5th gear / 6th gear	0.738 / 0.508
Gear ratio in 7th gear / 8th gear	0.386 / -
Reverse gear / final drive ratio	2.750 / 5.302
Suspension / steering / brakes	
Front suspension	Independent-wheel suspension, five-link axle with front track rod, aluminum transverse link, subframe and tubular anti-roll bar
Rear suspension	Independent-wheel suspension, five-link axle with rear track rod, resiliently mounted subframe and anti-roll bar
Steering / steering ratio / turning circle in m (D102)	Electromechanical steering with speed-dependent power assistance / 15.8 / 11.7
Brake system	Dual circuit brake system split between axles, Antilock Brake System (ABS) with Electronic Brake Force Distribution (EBD), Electronic Differential Lock (EDL), traction control (ASR), Electronic Stabilization Control (ESC), front: ventilated discs / rear: ventilated discs
Wheels / tyres (basic)	18 inch alloy wheels with 235/60 R 18 tyres
Performance / fuel / acoustics	
Top speed in km/h	218
Acceleration, 0-100 km/h in s	7.9
Fuel / octane value	Diesel according to EN 590
Idling / drive-past exterior noise level in dB (A)	70 / 72
Consumption / emissions	
18-inch alloy wheels	235/60 R18
Fuel consumption: city / highway / combined, in l/100 km	5.7 / 5.0 / 5.3
CO ₂ mass emission city / highway / combined, in g/km	149 / 132 / 139
19-inch alloy wheels	235/55 R19
Fuel consumption: city / highway / combined, in l/100 km	5.7 / 5.1 / 5.4
CO ₂ mass emission city / highway / combined, in g/km	150 / 134 / 140
20-inch alloy wheels	255/45 R20
Fuel consumption: city / highway / combined, in l/100 km	5.8 / 5.2 / 5.5
CO ₂ mass emission city / highway / combined, in g/km	153 / 137 / 143
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	1770 / 1845 / 2440
Axle load limit at front / rear in kg	1240 / 1360
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg	2000 / 2000 / 750
Roof load limit / permissible downball weight in kg	75 / 200
Capacities	
Cooling system capacity (incl. heating) in l	12.1
Engine oil capacity (including filter) in l	4.7
Fuel tank capacity in l	Fuel tank: 65, AdBlue tank: 24
Body / dimensions	
Body type / number of doors / seats	galvanised, unitary steel body, crumple zones at the front and rear / 5 doors / 5
Drag coefficient Cd / frontal area A in m ²	0.30 / 2.65
Length (L103) / width excluding mirrors (W103) / height (H101-B) in mm	4663 / 1893 / 1659
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm	2819 / 1616 / 1609
Height of loading lip (H196) in mm	759
Luggage capacity / with rear seat bench folded in l	550 / 1550