

# Technical Data – Audi Q7 3.6 FSI quattro

Program for Australia – September 2006

Model	Audi Q7 3.6 FSI quattro
<b>Engine / electrics</b>	
Engine type	V6 spark-ignition engine in V arrangement
Valve gear / number of valves per cylinder	Double overhead camshafts (DOHC), roller cam followers, continuous camshaft adjustment for the intake and exhaust valves / 4
Displacement in cc / bore x stroke in mm / compression	3597 / 89 x 96.4 / 12.0
Max. power output in kW (bhp) / at rpm	206 (280) / 6200
Max. torque in Nm / at rpm	360 / 2500 – 5000
Engine management system	Selective petrol direct injection
Exhaust emission control	Primary and main catalytic converters
Emissions class	EU4
Alternator in A	150 (180 / 190)
<b>Drive / transmission</b>	
Drive type	quattro permanent four-wheel drive with asymmetric distribution of drive torque and self-locking centre differential
Clutch	Hydraulic torque converter with lock-up clutch
Gearbox type	6-speed tiptronic
Gear ratio in 1st gear / 2nd gear	4.171 / 2.340
Gear ratio in 3rd gear / 4th gear	1.521 / 1.143
Gear ratio in 5th gear / 6th gear	0.867 / 0.691
Reverse gear / final drive ratio (automatic: constant ratio)	3.403 / 4.556
<b>Running gear / steering / brakes</b>	
Front suspension	Double-wishbone suspension with steering behind the axle, aluminium wishbones, subframe and anti-roll bar
Rear suspension	Double-wishbone suspension with separate upper control arms and track rod at rear, aluminium wishbones, subframe and anti-roll bar
Steering / steering ratio / turning circle in m (D102)	Rack-and-pinion power steering with variable steering ratio / 16.5 (centre position) / 12
Brake system, front/rear	Dual-circuit brake system with diagonal split. Anti-lock braking system ABS with electronic brake-force distribution EBD, electronic differential lock EDL, traction control system ASR and electronic stabilisation program ESP
Wheels / tyres	Alloy wheel, 7-hole design, size 7.5J x 18 / 235/60 R18
<b>Performance / consumption / acoustics</b>	
Top speed in km/h	225 (230 with adaptive air suspension)
Acceleration, 0-100 km/h in sec	8.5
Fuel grade	Unleaded Super Plus, 98 RON (alternatively unleaded Super, 95 RON, with slight reduction in performance)
Fuel consumption: urban / extra urban / combined, l/100 km	17.6 / 9.8 / 12.7
CO <sub>2</sub> mass emission, g/km	304
Standing / drive-past exterior noise level in dB (A)	81 / 75
<b>Servicing / guarantee</b>	
Service interval	15,000km or every 12 months, whichever is first
Vehicle/paint/rust perforation guarantee	3 years with unlimited mileage / 3 years / 12 years
Insurance classification in Germany	22 / 24 / 27
<b>Weights / loads 2)</b>	
Unladen weight in kg / gross weight limit in kg	2205 / 2900
Axle load limit at front / rear in kg	1435 / 1640
Trailer load limit on 8%/12% gradient, braked/unbraked in kg	3500 / 750
Roof load limit in kg / permissible nose weight in kg	100 / 140
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l	approx. 9
Engine oil capacity (incl. filter) in l	6.9
Fuel tank capacity in l	100
<b>Body / dimensions</b>	
Body type	Unitary steel body with aluminium add-on parts
Number of doors / seats	5 / 5 seats (optional 6 or 7 seats)
Drag coefficient c <sub>D</sub> / frontal area A in m <sup>2</sup>	0.37 (0.34 with adaptive air suspension) / 2.87
Length (L103)/ width excl. mirrors (W103) / height (H100), mm	5086 / 1983 / 1737 (1697 – 1772 with adaptive air suspension)
Wheelbase (L101) / track at front/rear (W101/W102), mm	3002 / 1651 / 1676
Height of loading lip in mm (H196)	836 (765 with adaptive air suspension at load level)
Luggage capacity in l, acc. to VDA block method (V211)	775 / 2035

1) depending on driving style and operating conditions

**NB: all details apply to a 5-seater vehicle**