

Technical Data – Audi Q5 2.0 TFSI quattro tiptronic (132 kW)

Program for Germany

Status: August 2015

Engine / electronics	
Engine type	Inline 4-cylinder spark-ignition engine with gasoline direct injection, exhaust turbocharger and Audi valvelift system
Valve gear / number of valves per cylinder	Roller cam followers; continuous intake and exhaust camshaft adjustment; exhaust valve stroke adjustment AVS / 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	132 (180) / 4000 - 6000
Max. torque in Nm (lb-ft) / at rpm	320 (236.0) / 1500 - 3800
Mixture preparation	Sequential high-pressure direct and multipoint manifold injection with adaptive idle-charge control, overrun fuel cut-off, adaptive lambda control; mapped ignition with solid-state high-voltage distribution via single-spark coils, cylinder-selective adaptive knock control; manifold pressure measurement, active boost-pressure control via an electric wastegate actuator
Exhaust emission control	Close-coupled ceramic catalytic converter, oxygen sensor in front of turbocharger and behind catalytic converter
Emissions class	EU 6
Alternator in A / battery in A/Ah	100-150 / 380/68
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 self-locking center differential and torque vectoring
Clutch	Hydraulic torque converter with lock-up clutch
Transmission type	8-speed tiptronic with DSP and sport program
Gear ratio in 1st gear / 2nd gear	4.714 / 3.143
Gear ratio in 3rd gear / 4th gear	2.106 / 1.667
Gear ratio in 5th gear / 6th gear	1.285 / 1.000
Gear ratio in 7th gear / 8th gear	0.839 / 0.667
Reverse gear / final drive ratio	3.317 / 3.504
Suspension / steering / brakes	
Front suspension	Five-link front suspension, upper and lower wishbones, tubular anti-roll bar
Rear suspension	Independent-wheel, trapezoidal-link rear suspension with resiliently mounted subframe, tubular anti-roll bar
Steering / steering ratio / turning circle in m (D102) (ft)	Electromechanical steering with speed-dependent power assistance / 15.9 / 11.6 (38.1)
Brake system	Dual-circuit brake system with diagonal split, ABS/EBD and ESC with brake assist; tandem brake booster; front: ventilated disks / rear: disks
Wheels / tires (basic)	8J x 17 lightweight forged aluminum wheels / 235/65 R 17
Performance / consumption / acoustics	
Top speed in km/h (mph)	205 (127.4)
Acceleration, 0-100 km/h (0-62.1 mph) in s	8.2
Fuel / octane value	Premium sulfur-free according to EN 228 / E25 95 RON
Idling / drive-past exterior noise level in dB (A)	74 / 71
Consumption / emissions (according to tire size)	
Tire category 1	235/65 R17 104W, Q41 or 235/60 R18 103W, I90
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	8.5 (27.7) / 6.5 (36.2) / 7.2 (32.7)
CO ₂ mass emission city / highway / combined, in g/km (g/mi)	196 (315.4) / 152 (244.6) / 168 (270.4)
Tire category 2	235/65 R17 104V, HX1 or 235/60 R18 103W, HX0/I29
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	8.6 (27.4) / 6.6 (35.6) / 7.3 (32.2)
CO ₂ mass emission city / highway / combined, in g/km (g/mi)	197 (317.0) / 153 (246.2) / 169 (272.0)
Tire category 3	235/55 R19 101V, HN2 or 235/55 R19 101W, HN0
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	8.6 (27.4) / 6.7 (35.1) / 7.4 (31.8)
CO ₂ mass emission city / highway / combined, in g/km (g/mi)	199 (320.3) / 156 (251.1) / 172 (276.8)
Tire category 4	235/55 R19 101W, I92
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	8.6 (27.4) / 6.7 (35.1) / 7.4 (31.8)
CO ₂ mass emission city / highway / combined, in g/km (g/mi)	199 (320.3) / 156 (251.1) / 172 (276.8)
Tire category 5	255/45 R20 101W, HN1
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	8.7 (27.0) / 6.8 (34.6) / 7.5 (31.4)
CO ₂ mass emission city / highway / combined, in g/km (g/mi)	201 (323.5) / 158 (254.3) / 174 (280.0)
Tire category 6	255/40 R21 102Y, HC7
Fuel consumption: city / highway / combined, in l/100 km (US mpg)	8.7 (27.0) / 6.8 (34.6) / 7.5 (31.4)
CO ₂ mass emission city / highway / combined, in g/km (g/mi)	201 (323.5) / 158 (254.3) / 174 (280.0)
Servicing / guarantee (Germany)	
Service inspection after max. km (mi)	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 / 3 years / 12 years
Insurance classification in Germany: third party / fully comprehensive / part-	No details
Weights / loads	
Unladen weight according to EU (excluding driver) / (including driver) / gross weight limit in kg (lb)	1770 (3902.2) / 1845 (4067.5) / 2380 (5247.0)
Axle load limit at front / rear in kg (lb)	1185 (2612.5) / 1310 (2888.1)
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg (lb)	2400 (5291.1) / 2000 (4409.2) / 750 (1653.5)
Roof load limit / permissible nose weight in kg (lb)	75 (165.3) / 100 (220.5)
Capacities	
Engine oil capacity (including filter) in l (US qt)	5.4 (5.7)
Fuel tank capacity in l (US gal)	75 (19.8)
Body / dimensions	
Body type / number of doors / seats	Galvanized, unitary steel body, crumple zones at front and rear / 5 / 5
Drag coefficient Cd / frontal area A in m ² (sq ft)	0.34 / 2.65 (28.5)
Length (L103) / width excluding mirrors (W103) / height (H101-M) in mm (ft)	4629 (15.2) / 1898 (6.2) / 1655 (5.4)
Wheelbase (L101) / track at front/rear (W101-1/W101-2) in mm (ft)	2807 (9.21) / 1617 (5.31) / 1614 (5.30)
Height of loading lip (H196) in mm (ft)	694 (2.3)
Luggage capacity / with rear seat bench folded in l (cu ft)	540 (19.1) / 1560 (55.1)