

Technical Data		Audi Q8 45 TDI quattro tiptronic (170 kW)	
Program for Germany		Status: 11/14/2020	
Engine / electrics			
Engine type	V6 engine		
Valve gear / number of valves per cylinder	Roller cam follower, overhead camshafts, hydraulic valve-play compensation / 2/2 inlet/exhaust valves per cylinder		
Displacement in cc / bore x stroke in mm / compression	2967 / 83.0 x 91.4 / 16.3		
Max. power output in kW (PS) / rpm	170 (231) / 3500 - 5000		
Max. torque in Nm (<i>lb-ft</i>) / at rpm	500 (368.8) / 1500 - 3000		
Mixture preparation	Common rail fuel injection system, intercooler		
Exhaust emission control	NO _x oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation, SCR catalytic converter		
Emissions standard	EU6		
Start-stop / REM	yes / yes		
Battery in A / Ah	380 / 68		
Max. electrical output at 12V in kilowatts	3		
On-board voltage 1 in volts	12		
Drivetrain / transmission			
Drive type	quattro permanent all-wheel drive		
Type of center differential	Self-locking		
Type of rear axle differential	Standard		
Clutch	Hydraulic torque converter with lock-up clutch		
Transmission type	8-speed tiptronic		
Transmission ratio in 1st/2nd gear	5.000 / 3.200		
Transmission ratio in 3rd/4th gear	2.143 / 1.720		
Transmission ratio in 5th/6th gear	1.313 / 1.000		
Transmission ratio in 7th/8th gear	0.823 / 0.640		
Reverse gear ratio / final drive ratio 1-2	3.478 / 3.204		
Suspension / steering / brakes			
Type and design of front-axle suspension	5-link front axle; tubular anti-roll bar		
Type and design of rear-axle suspension	5-link rear axle; tubular anti-roll bar		
Steering	Electromechanical progressive steering with speed-dependent power assistance		
Steering ratio	14.6		
Turning circle in m (<i>ft</i>)	13.3 (43.6)		
Brake control system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist		
Tires (basic)	265/55 R 19		
Wheels (basic)	Alloy 8.5 J x 19"		
Performance / acoustics			
Top speed in km/h (<i>mph</i>)	226 (140.4)		
Limited	no		
Acceleration, 0-100 km/h (0-62.1 <i>mph</i>)	7.1		
Fuel type / octane value	Diesel / -		
Fuel standard	DIN EN 590 (Diesel)		
Exterior noise level when stationary / drive-past as per ECE R51.03 in dB (A)	76.3 / 68		

Consumption / emissions*	
Fuel consumption, urban / extra-urban / combined in liters per 100 kilometers (<i>US mpg</i>)	8.8-8.5 (26.7-27.7) / 6.3-5.9 (37.3-39.9) / 7.2-6.9 (32.7-34.1)
CO ₂ emissions combined in grams per kilometer (<i>g/mi</i>)	190 - 182 (305.8-292.9)
Servicing / guarantee (Germany)	
Service interval	30,000 km (18,641.1 mi) / 2 years, whichever comes first
Vehicle / paint / rust perforation guarantee	2 / 3 / 12 (years)
Insurance classification in Germany: third party / fully comprehensive / part-comprehensive	22 / 27 / 28
Weights / loads	
Unladen weight without driver / with driver / gross weight limit in kg (<i>lb</i>)	2160 (4762.0) / 2235 (4927.3) / 2890 (6371.4)
Unladen weight without driver / with driver / gross weight limit optional in kg (<i>lb</i>)	2170 (4784.0) / 2245 (4949.4) / 2900 (6393.4)
Front/rear axle load limit in kg (<i>lb</i>)	1475 (3251.8) / 1530 (3373.1)
Trailer load limit on 8% / 12% gradient, braked // unbraked in kg (<i>lb</i>)	2800 (6172.9) / 2800 (6172.9) // 750 (1653.5)
Trailer load limit on 8% / 12% gradient, braked optional in kg (<i>lb</i>)	3500 (7716.2) / 3500 (7716.2)
Roof load limit / permissible nose weight in kg (<i>lb</i>)	100 (220.5) / 115 (253.5)
Permissible nose weight limit optional in kg (<i>lb</i>)	140 (308.6)
Capacities	
Cooling system capacity (incl. heating) in liters (<i>US gal</i>)	16.1 (4.3)
Engine oil capacity, including filter (change volume) in liters (<i>US qt</i>)	6.1 (6.4)
Fuel tank capacity / optional fuel tank capacity in liters (<i>US gal</i>)	75 (19.8) / 85 (22.5)
AdBlue fuel tank capacity / AdBlue optional fuel tank capacity in liters (<i>US gal</i>)	24 (6.3)
Dimensions / body	
Body type / number of doors	Unitary steel/aluminum composite construction / 5
Number of seats	5
Drag coefficient Cd / frontal area A in m ² (<i>sq ft</i>)	0.34 / 2.84 (30.6)
Standard dimensions (length / width excluding mirrors / height with steel springs) in mm (<i>ft</i>)	4986 (16.4) / 1995 (6.5) / 1705 (5.6)
Width including mirrors in mm (<i>ft</i>)	2190 (7.2)
Wheelbase / track width front/rear in mm (<i>ft</i>)	2995 (9.8) / 1679 (5.51) / 1691 (5.55)
Overhang angle of steel springs, front / rear in degrees	16.60 / 22.20
Overhang angle of air springs, front/rear in degrees	22.1 / 23.8
Height of loading edge with steel springs / air springs in mm (<i>ft</i>)	820 (2.7) / -
Open luggage compartment - behind 2nd seat row in l (<i>cu ft</i>)	605 (21.4)
Largest luggage capacity - behind the 1st seat row in l (<i>cu ft</i>)	1755 (62.0)

*Fuel consumption and CO₂ emission figures given in ranges depend on the tires/wheels used