

<b>Technical Data</b>	<b>A8 50 TDI (3.0) quattro tiptronic 210 kW</b>
Program for Germany	Status: 9/12/2017
<b>Engine / electronics</b>	
Engine type	V6 engine
Valve gear / number of valves per cylinder	Roller cam followers, overhead camshafts, hydraulic valve play compensation / 2/2 inlet/exhaust valves per cylinder
Displacement in cm <sup>3</sup> / bore x stroke in mm / compression	2967 / 83.0 x 91.4 / 16.0
Max. power output in kW (hp) / at rpm	210 (286) / 3750 - 4000
Max. torque in Nm ( <i>lb-ft</i> ) / at rpm	600 (442.5) / 1250 - 3250
Mixture preparation	Common rail fuel injection system
Exhaust emission control	Oxidizing catalytic converter, diesel particulate filter, exhaust gas recirculation
Emission control concept	EU6
Alternator in A / battery rated capacity in Ah	- / 70
Max. electrical output at 12V in kilowatts	3
Start/Stop / REM	yes / yes
On-board voltage 1 in volts	12
On-board voltage 2 in volts	48
<b>Drivetrain / transmission</b>	
Drive type	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 / automatic
Transmission ratio in 1st/2nd gear	4.714 / 3.143
Transmission ratio in 3rd/4th gear	2.106 / 1.667
Transmission ratio in 5th/6th gear	1.285 / 1.000
Transmission ratio in 7th/8th gear	0.839 / 0.667
Reverse gear transmission ratio / final drive ratio 1-2	3.317 / 2.503
<b>Suspension / steering / brakes</b>	
Type and design of front axle suspension	Five-link front axle; tubular anti-roll bar; air spring suspension
Type and design of rear axle suspension	Five-link rear axle; tubular anti-roll bar; air spring suspension
Steering / steering ratio / turning circle in m ( <i>ft</i> )	Electromechanical steering with speed-dependent power assistance / 15.8 / 12.5 (41.0)
Brake control system	Dual-circuit brake system with black/white split for front/rear axles; ESC/ABS/EBD; brake booster, hydraulic brake assist
Basic tires	235/60 R17 106 W
Wheels	Cast aluminum 8.0J x 17"
<b>Performance / consumption / acoustics</b>	
Top speed in km/h ( <i>mph</i> )	250 (155.3)
Governed	yes
Acceleration, 0-100 km/h (0-62.1 <i>mph</i> )	5.9
Fuel type / octane value	Diesel / -
Fuel standard	DIN EN 590
Exterior noise level when stationary / passing as per ECE R51.02 / passing as per ECE R51.03 in db (A)	68.0 / - / 67

<b>Fuel consumption / emissions (according to tire size)</b>	
Tire package A	235/60 R17 106W, HF8 and 235/55 R18 104Y, H18
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers ( <i>US mpg</i> )	6.3 (37.3) / 5.1 (46.1) / 5.6 (42.0)
CO <sub>2</sub> emissions urban/extra-urban/combined in grams per kilometer ( <i>g/mi</i> )	164 (263.9) / 134 (215.7) / 145 (233.4)
Tire package B	255/45 R19 104Y, Q55
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers ( <i>US mpg</i> )	6.4 (36.8) / 5.4 (43.6) / 5.8 (40.6)
CO <sub>2</sub> emissions urban/extra-urban/combined in grams per kilometer ( <i>g/mi</i> )	167 (268.8) / 140 (225.3) / 150 (241.4)
Tire package C	265/40 R20 104Y, Q57
Fuel consumption, urban/extra-urban/combined in liters per 100 kilometers ( <i>US mpg</i> )	6.5 (36.2) / 5.5 (42.8) / 5.8 (40.6)
CO <sub>2</sub> emissions urban/extra-urban/combined in grams per kilometer ( <i>g/mi</i> )	168 (270.4) / 143 (230.1) / 152 (244.6)
<b>Servicing / guarantee (Germany)</b>	
Service interval ( <i>mi</i> )	30,000 km (18,641.1) / 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 / 29 / 29
<b>Weights / loads</b>	
Unladen weight without driver / with driver / gross weight limit in kg ( <i>lb</i> )	1975 (4354.1) / 2050 (4519.5) / 2690 (5930.4)
Front/rear axle load limit in kg ( <i>lb</i> )	1335 (2943.2) / 1430 (3152.6)
Trailer load limit on 8% / 12% gradient, braked / unbraked in kg ( <i>lb</i> )	2300 (5070.6) / 2300 (5070.6) // 750 (1653.5)
Roof load limit / permissible nose weight in kg ( <i>lb</i> )	100 (220.5) / 95 (209.4)
<b>Capacities</b>	
Cooling system capacity (incl. heating) in l ( <i>US gal</i> )	12.9 (3.4)
Engine oil capacity, including filter (change volume) in liters ( <i>US qt</i> )	6.1 (6.4)
Fuel tank capacity in liters ( <i>US gal</i> )	72 (19.0)
Optional fuel tank capacity in liters ( <i>US gal</i> )	82 (21.7)
<b>Dimensions / body</b>	
Body type / number of doors / number of seats	Audi Space Frame (ASF) / 4 / 5
Drag coefficient Cd / frontal area A in m <sup>2</sup> ( <i>sq ft</i> )	0.26 / 2.43 (26.2)
Standard dimensions (length / width excluding mirrors / height with steel springs / height with air springs) in mm ( <i>ft</i> )	5172 (17.0) / 1945 (6.4) / - / 1473 (4.8)
Width including mirrors in mm ( <i>ft</i> )	2130 (7.0)
Wheelbase / track width front/rear in mm ( <i>ft</i> )	2998 (9.8) / 1644 (5.4) / 1633 (5.4)
Overhang angle of air spring front/rear in degrees	14.0 / 13.7
Height of loading edge with steel springs / air springs in mm ( <i>ft</i> )	- / 697 (2.3)
Luggage capacity behind 2nd seat bench, open / closed in l ( <i>cu ft</i> )	- / 505 (17.8)